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OM protein - protein search, using sw model

Run on: June 21, 2003, 01:45:54 ; Search time 24 Seconds
(without alignments)
1988.300 Million cell updates/sec

Title: US-09-895-686-1
Perfect score: 441
Sequence: 1 MAIRKALVMCLGLFLFLPG.....ATPPKDGKNSQVFRNPYVMD 441

Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0

Searched: 417779 seqs, 108206813 residues

Word size : 0

Total number of hits satisfying chosen parameters: 417779

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database :

Published Applications_AA:*
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14: /cgn2_6/ptodata/2/pubppaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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2	441	100.0	441	10	US-09-895-686-1
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5	433	98.2	451	10	US-09-871-874-13
6	433	98.2	451	10	US-09-871-874-12
7	428	97.1	473	10	US-09-871-874-19
8	384	87.1	400	9	US-10-097-065-146
9	382	86.6	401	10	US-09-871-874-11
10	382	86.6	401	10	US-09-871-874-20
11	194	44.0	234	10	US-09-871-874-17
12	91	20.6	125	10	US-09-871-874-16
13	90	20.4	105	9	US-10-097-065-247
14	90	20.4	106	9	US-09-871-874-15
15	90	20.4	150	10	US-09-871-874-18
16	67	15.2	67	10	US-10-097-340-121
17	9	2.0	403	9	US-09-871-874-121
18	9	2.0	403	10	US-09-826-508-30
19	9	2.0	403	10	US-09-895-686-5

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21	7	1.6	110	9	US-10-106-698-6206	Sequence 6206, Ap
22	7	1.6	175	9	US-10-050-786-11	Sequence 11, App1
23	7	1.6	182	10	US-09-764-864-1205	Sequence 1205, Ap
24	7	1.6	191	10	US-09-944-849-7	Sequence 7, App1
25	7	1.6	217	9	US-09-848-616-136	Sequence 136, App
26	7	1.6	217	9	US-09-931-325A-168	Sequence 168, App
27	7	1.6	217	9	US-10-243-739-74	Sequence 74, App
28	7	1.6	217	9	US-10-244-065-74	Sequence 74, App
29	7	1.6	255	9	US-09-898-837A-36	Sequence 36, App
30	7	1.6	256	9	US-09-738-626-6520	Sequence 6520, Ap
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32	7	1.6	296	10	US-09-960-472-1	Sequence 1, App1
33	7	1.6	313	10	US-09-664-761-35804	Sequence 35804, A
34	7	1.6	331	9	US-10-196-580-2	Sequence 2, App1
35	7	1.6	342	10	US-09-912-020-260	Sequence 260, App
36	7	1.6	347	9	US-09-866-050A-326	Sequence 326, App
37	7	1.6	357	9	US-10-176-847-60	Sequence 60, App
38	7	1.6	359	12	US-10-029-756-2	Sequence 2, App1
39	7	1.6	373	9	US-09-866-050A-680	Sequence 680, App
40	7	1.6	394	9	US-09-712-363-205	Sequence 205, App
41	7	1.6	416	10	US-09-731-231A-6	Sequence 6, App1
42	7	1.6	438	10	US-09-815-242-5129	Sequence 5129, Ap
43	7	1.6	512	9	US-09-908-299-2	Sequence 2, App1
44	7	1.6	533	10	US-09-431-226-5	Sequence 5, App1
45	7	1.6	584	9	US-10-050-786-7	Sequence 7, App1

ALIGNMENTS

RESULT 1									
US-09-871-874-21									
Sequence 21, Application US/09871874									
Patent No. US20020081655A1									
GENERAL INFORMATION:									
APPLICANT: SAVITZKY, Kinneret									
APPLICANT: TOPORIK, Amir									
APPLICANT: MINITZ, Liat									
TITLE OF INVENTION: Splice Variant of mclur									
FILE REFERENCE: 2786-0176P									
CURRENT APPLICATION NUMBER: US/09/871, 874									
CURRENT FILING DATE: 2001-09-04									
NUMBER OF SEQ ID NOS: 21									
SOFTWARE: Patentin Ver. 2.1									
SEQ ID NO 21									
LENGTH: 441									
TYPE: PRT									
ORGANISM: Homo sapiens									
US-09-871-874-21									
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Best Local Similarity 100.0%; Score 441; DB 10; Length 441;									
Pred. Local Similarity 100.0%; Pred. No. 0;									
Matches 441; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
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DB	1	MAIRKALVMCLGLFLPGAGAHVPPGCSGLNPLYYMLCDRSGAMGIVLAHVAGAG	60						
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DB	61	IVTFVFLITLIVASLPFVQDTKRSLGTQVFFLLGLTGLFCLVFAVCVKKDFSTCASRR	120						
QY	121	FLFGLVLAIRICSCLAHVFALNFARKNHGRGVITFVALLLVVEYITFEMLLITLV	180						
DB	121	FLFGLVLAIRICSCLAHVFALNFARKNHGRGVITFVALLLVVEYITFEMLLITLV	180						
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DB	181	RGSEGGPGQSSGAMVASCALANDEVALIYYMLLGLGAFGLGAMPALCGRYKKRRK	240						
QY	241	HGVFVLLTATVAIVWVIVMYTYGNKHNSPTWDDPTLAIALANNAFVLFYVITPEV	300						
DB	241	HGVFVLLTATVAIVWVIVMYTYGNKHNSPTWDDPTLAIALANNAFVLFYVITPEV	300						

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Db 361 YNGQLTTSYOPTMALMKHVPSEGAVIDIILPRATANSQVMSANSTLRAEDMYSAQSHQ 420
QY 421 AATPPKDGKNSQVFRNPYWD 441
Db 421 AATPPKDGKNSQVFRNPYWD 441

RESULT 2

US-09-895-686-1
; Sequence 1, Application US/09895686
; Patent No. US20020106655A1
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Lal, Preeti
; APPLICANT: Tang, Y. Tom
; APPLICANT: Baughn, Mariah R.
; TITLE OF INVENTION: HUMAN GPCR PROTEINS
; FILE REFERENCE: PC-0044 CIP
; CURRENT APPLICATION NUMBER: US/09/895,686
; CURRENT FILING DATE: 2001-06-28
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PERL Program
; SEQ ID NO 1
; LENGTH: 441
; TYPE: PR
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: Incyte ID No. US20020106655A1 1258981CD1
US-09-895-686-1

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Best Local Similarity 100.0%; Pred. No. 0;
Matches 441; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 61 IYTFVLTIIIVASLSPFVODTKRSLGTQVFFLGTGLFCLVFACVYKPPFSTCASRR 120
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Db 121 FLEGVLFALCFSCSLAHVAFALNFLARKNHGPRGMYFTYVALLTLEVIINTFEMLIITLY 180
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Db 301 SOVTKSSPROSYOGDMYPTRGVYETILKEOKGQSMFVENKAFSMDEPVAAKRPVSPYG 360
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Db 361 YNGQLTTSYOPTMALMKHVPSEGAVIDIILPRATANSQVMSANSTLRAEDMYSAQSHQ 420
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Db 421 AATPPKDGKNSQVFRNPYWD 441

Db 421 AATPPKDGKNSQVFRNPYWD 441

RESULT 3

US-09-871-874-14
; Sequence 14, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinneret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mclur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 486
; TYPE: PR
; ORGANISM: Homo sapiens
US-09-871-874-14

Query Match 100.0%; Score 441; DB 10; Length 486;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 441; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 46 MAHKALVWCLGPLELPPGAMAQGHVPPGCSQGLNPLYNLCDSRGANGIYLEAVAGAG 105
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Db 106 IYTFVLTIIIVASLSPFVODTKRSLGTQVFFLGTGLFCLVFACVYKPPFSTCASRR 165
QY 121 FLEGVLFALCFSCSLAHVAFALNFLARKNHGPRGMYFTYVALLTLEVIINTFEMLIITLY 180
Db 166 FLEGVLFALCFSCSLAHVAFALNFLARKNHGPRGMYFTYVALLTLEVIINTFEMLIITLY 225
QY 181 RGSSEGGPOGNSAGNAVASPCAIANDFVMAIIVMILLGAFILGAMPALCGRYKRWK 240
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Db 286 HGVFLLTTATSAIWMVWIMVYTYGNKOHNSPTWDDPLAIALANANAFLFYIPEV 345
QY 301 SOVTKSSPROSYOGDMYPTRGVYETILKEOKGQSMFVENKAFSMDEPVAAKRPVSPYG 360
Db 346 SOVTKSSPROSYOGDMYPTRGVYETILKEOKGQSMFVENKAFSMDEPVAAKRPVSPYG 405
QY 361 YNGQLTTSYOPTMALMKHVPSEGAVIDIILPRATANSQVMSANSTLRAEDMYSAQSHQ 420
Db 406 YNGQLTTSYOPTMALMKHVPSEGAVIDIILPRATANSQVMSANSTLRAEDMYSAQSHQ 465
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Db 466 AATPPKDGKNSQVFRNPYWD 486

RESULT 4

US-09-871-874-9
; Sequence 9, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinneret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mclur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21

SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 451
; TYPE: PRF
; ORGANISM: Homo sapiens
US-09-871-874-9

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Best Local Similarity 100.0%; Pred. No. 0;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 421 AATPPKDGKNSOV 433

RESULT 5

US-09-871-874-13
; Sequence 13, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kineret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 451
; TYPE: PRF
; ORGANISM: Homo sapiens
US-09-871-874-13

Query Match 98.2%; Score 433; DB 10; Length 451;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MAHKALVMCLGPLEFPGAMAGHVPFGCSQGLNPLYYNLCDRSGAMGIVLEAVAGAG 60
QY 61 IVTTFVLTITLIVASLPFVODTKKRSLLGTQVFFLGLTGLFCLVACVVPKDFSTCASRR 120

DB 61 IVTTFVLTITLIVASLPFVODTKKRSLLGTQVFFLGLTGLFCLVACVVPKDFSTCASRR 120
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DB 121 FLFGVLFALICFSCIAAHVFLNPLARKNHGRGVIFVALLTLVEVITNTEMLITLV 180
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DB 181 RGSSEGGPOGNSAGMAVASPCAIANDFYVALIYVMLLIGAFLGAMPALCGRYKRMK 240
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DB 301 SOVTKSSPEOSYQGDMPTRGVGYETILKEQKGSMEVENKAFSMDPVAAKRPVSPYSG 360
QY 361 YNGQLTSVYOPTMALMHRKVPSEGAVIDIILPRATANSQVGSANSTLRADMTSAOSHQ 420
DB 361 YNGQLTSVYOPTMALMHRKVPSEGAVIDIILPRATANSQVGSANSTLRADMTSAOSHQ 420
QY 421 AATPPKDGKNSOV 433
DB 421 AATPPKDGKNSOV 433

RESULT 6

US-09-871-874-12
; Sequence 12, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kineret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 496
; TYPE: PRF
; ORGANISM: Homo sapiens
US-09-871-874-12

Query Match 98.2%; Score 433; DB 10; Length 496;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 46 MAHKALVMCLGPLEFPGAMAGHVPFGCSQGLNPLYYNLCDRSGAMGIVLEAVAGAG 105
QY 61 IVTTFVLTITLIVASLPFVODTKKRSLLGTQVFFLGLTGLFCLVACVVPKDFSTCASRR 120
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QY 121 FLFGVLFALICFSCIAAHVFLNPLARKNHGRGVIFVALLTLVEVITNTEMLITLV 180
DB 121 FLFGVLFALICFSCIAAHVFLNPLARKNHGRGVIFVALLTLVEVITNTEMLITLV 225
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DB 226 RGSSEGGPOGNSAGMAVASPCAIANDFYVALIYVMLLIGAFLGAMPALCGRYKRMK 285
QY 241 HGCVFVLTITATSAIVWVIMVMTYTGKOHNSPTWDDPTLAIANAAMAFVLEYYIPEV 300
DB 286 HGCVFVLTITATSAIVWVIMVMTYTGKOHNSPTWDDPTLAIANAAMAFVLEYYIPEV 345
QY 301 SOVTKSSPEOSYQGDMPTRGVGYETILKEQKGSMEVENKAFSMDPVAAKRPVSPYSG 360

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Db 346 SQTAKSSPEQSYOGDMYPTRGVGYETILKEOKQOSMFVENKAFSMDPEVAARPPSPYSG 405
Qy 361 YNGQLTSTYOPTFEMALMHKVPSEGAVIDIILPRATANSOVMGSANSTLRADMYSAQSHQ 420
Db 406 YNGQLTSTYOPTFEMALMHKVPSEGAVIDIILPRATANSOVMGSANSTLRADMYSAQSHQ 465
Qy 421 AATPPKDGKNSQV 433
Db 466 AATPPKDGKNSQV 478
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RESULT 7
US-09-871-874-19
; Sequence 19, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinmeret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Ilat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871, 874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 473
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-871-874-19
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Query Match 97.1%; Score 428; DB 10; Length 473;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 428; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 61 IYTFVLITLIVASLSPFYODTKRSLGTQVFFLGLGFLCYFACVVKPDESTCASRR 120
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Db 121 FLEGVLFALCFSCSLAHVFLANFLARKNHGPRGMVIFTVALLLTLEVIINTEMLITTLV 180
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Db 181 RGSGBEGPOGNSAGNAVASPCAIANMDFYMALIYVMLLLGAFLGAMPALCGRYKRWK 240
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Db 241 HGVFVLLTATSAIVWVWIMVITYGNKQNSPTMDPTLAIALANANAFVLFYIPEV 300
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Qy 421 AATPPKDG 428
Db 421 AATPPKDG 428
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RESULT 8
US-10-097-065-146
; Sequence 146, Application US/10097065
; Publication No. US20030055236A1
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; GENERAL INFORMATION:
; APPLICANT: Moore, Paul A. et al.
; TITLE OF INVENTION: 110 Human Secreted Proteins
; FILE REFERENCE: P2021P1
; CURRENT APPLICATION NUMBER: US/10/097, 065
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: PCT/US98/27059
; PRIOR FILING DATE: 1998-12-17
; PRIOR APPLICATION NUMBER: 60/070, 923
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068, 007
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068, 057
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068, 006
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068, 369
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068, 367
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068, 368
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068, 169
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068, 053
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068, 064
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068, 054
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068, 008
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068, 365
; PRIOR FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 672
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 146
; LENGTH: 400
; TYPE: PRT
; ORGANISM: Homo sapiens
; NAME/KEY: SITE
; LOCATION: (400)
; OTHER INFORMATION: Xaa equals stop translation
US-10-097-065-146
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Query Match 87.1%; Score 384; DB 9; Length 400;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 384; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 MAIHKALVMCLGRLFLPCGMAQGHVPPCSCSGLNPLYYNLCDSRGAMGIVLEAVAGAG 60
Db 1 MAIHKALVMCLGRLFLPCGMAQGHVPPCSCSGLNPLYYNLCDSRGAMGIVLEAVAGAG 60
Qy 61 IYTFVLITLIVASLSPFYODTKRSLGTQVFFLGLGFLCYFACVVKPDESTCASRR 120
Db 61 IYTFVLITLIVASLSPFYODTKRSLGTQVFFLGLGFLCYFACVVKPDESTCASRR 120
Qy 121 FLEGVLFALCFSCSLAHVFLANFLARKNHGPRGMVIFTVALLLTLEVIINTEMLITTLV 180
Db 121 FLEGVLFALCFSCSLAHVFLANFLARKNHGPRGMVIFTVALLLTLEVIINTEMLITTLV 180
Qy 181 RGSGBEGPOGNSAGNAVASPCAIANMDFYMALIYVMLLLGAFLGAMPALCGRYKRWK 240
Db 181 RGSGBEGPOGNSAGNAVASPCAIANMDFYMALIYVMLLLGAFLGAMPALCGRYKRWK 240
Qy 241 HGVFVLLTATSAIVWVWIMVITYGNKQNSPTMDPTLAIALANANAFVLFYIPEV 300
Db 241 HGVFVLLTATSAIVWVWIMVITYGNKQNSPTMDPTLAIALANANAFVLFYIPEV 300
Qy 301 SQTAKSSPEQSYOGDMYPTRGVGYETILKEOKQOSMFVENKAFSMDPEVAARPPSPYSG 360
Db 301 SQTAKSSPEQSYOGDMYPTRGVGYETILKEOKQOSMFVENKAFSMDPEVAARPPSPYSG 360
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OY 361 YNGQLTSVYOPTMALMHKVPSE 384
Db 361 YNGQLTSVYOPTMALMHKVPSE 384

RESULT 9
US-09-871-874-11

; Sequence 11, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinmeret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Ilat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 11
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-871-874-11

Query Match 86.6%; Score 382; DB 10; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 382; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 MAHKALVMCLGLPLFLFPGAMAOGHVPFGCSQGLNPLYNYMLCDRSGAMGIVLEAVAGAG 60
Db 1 MAHKALVMCLGLPLFLFPGAMAOGHVPFGCSQGLNPLYNYMLCDRSGAMGIVLEAVAGAG 60
OY 61 IVTFVLTITIVASLPVQDTKRSLGTQVFFLLGLGFLCIVFACVVKRDEFTCSARR 120
Db 61 IVTFVLTITIVASLPVQDTKRSLGTQVFFLLGLGFLCIVFACVVKRDEFTCSARR 120
OY 121 FLFGVLFALICFSCIAAHVFALNPLARKNHGRGVITFVALLLTVEYIINTEMLITLV 180
Db 121 FLFGVLFALICFSCIAAHVFALNPLARKNHGRGVITFVALLLTVEYIINTEMLITLV 180
OY 181 RGSSEGGPOGNSAGMAVASPCATANDEFVALIYVMLLLGAFGLGAMPALCGRYKRRRK 240
Db 181 RGSSEGGPOGNSAGMAVASPCATANDEFVALIYVMLLLGAFGLGAMPALCGRYKRRRK 240
OY 241 HGVFVLLTTATSAIWMVIMVMTYGNKQHNSTPMDPTLAIALAANMAFVLFYIPEV 300
Db 241 HGVFVLLTTATSAIWMVIMVMTYGNKQHNSTPMDPTLAIALAANMAFVLFYIPEV 300
OY 301 SQVTKSSPEOSYQGDMPTRGVGSETILKEQKGSMEVENKAFSMDPEVAAKRPVSPYSG 360
Db 301 SQVTKSSPEOSYQGDMPTRGVGSETILKEQKGSMEVENKAFSMDPEVAAKRPVSPYSG 360
OY 361 YNGQLTSVYOPTMALMHKVP 382
Db 361 YNGQLTSVYOPTMALMHKVP 382

RESULT 10
US-09-871-874-10

; Sequence 10, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinmeret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Ilat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patentin Ver. 2.1

; SEQ ID NO 10
; LENGTH: 446
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-871-874-10

Query Match 86.6%; Score 382; DB 10; Length 446;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 382; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 MAHKALVMCLGLPLFLFPGAMAOGHVPFGCSQGLNPLYNYMLCDRSGAMGIVLEAVAGAG 60
Db 46 MAHKALVMCLGLPLFLFPGAMAOGHVPFGCSQGLNPLYNYMLCDRSGAMGIVLEAVAGAG 105
OY 61 IVTFVLTITIVASLPVQDTKRSLGTQVFFLLGLGFLCIVFACVVKRDEFTCSARR 120
Db 106 IVTFVLTITIVASLPVQDTKRSLGTQVFFLLGLGFLCIVFACVVKRDEFTCSARR 165
OY 121 FLFGVLFALICFSCIAAHVFALNPLARKNHGRGVITFVALLLTVEYIINTEMLITLV 180
Db 166 FLFGVLFALICFSCIAAHVFALNPLARKNHGRGVITFVALLLTVEYIINTEMLITLV 225
OY 181 RGSSEGGPOGNSAGMAVASPCATANDEFVALIYVMLLLGAFGLGAMPALCGRYKRRRK 240
Db 226 RGSSEGGPOGNSAGMAVASPCATANDEFVALIYVMLLLGAFGLGAMPALCGRYKRRRK 285
OY 241 HGVFVLLTTATSAIWMVIMVMTYGNKQHNSTPMDPTLAIALAANMAFVLFYIPEV 300
Db 286 HGVFVLLTTATSAIWMVIMVMTYGNKQHNSTPMDPTLAIALAANMAFVLFYIPEV 345
OY 301 SQVTKSSPEOSYQGDMPTRGVGSETILKEQKGSMEVENKAFSMDPEVAAKRPVSPYSG 360
Db 346 SQVTKSSPEOSYQGDMPTRGVGSETILKEQKGSMEVENKAFSMDPEVAAKRPVSPYSG 405
OY 361 YNGQLTSVYOPTMALMHKVP 382
Db 406 YNGQLTSVYOPTMALMHKVP 427

RESULT 11
US-09-871-874-20

; Sequence 20, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinmeret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Ilat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 20
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-871-874-20

Query Match 44.0%; Score 194; DB 10; Length 234;
Best Local Similarity 100.0%; Pred. No. 6,3e-172;
Matches 194; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 MAHKALVMCLGLPLFLFPGAMAOGHVPFGCSQGLNPLYNYMLCDRSGAMGIVLEAVAGAG 60
Db 1 MAHKALVMCLGLPLFLFPGAMAOGHVPFGCSQGLNPLYNYMLCDRSGAMGIVLEAVAGAG 60
OY 61 IVTFVLTITIVASLPVQDTKRSLGTQVFFLLGLGFLCIVFACVVKRDEFTCSARR 120
Db 61 IVTFVLTITIVASLPVQDTKRSLGTQVFFLLGLGFLCIVFACVVKRDEFTCSARR 120
OY 121 FLFGVLFALICFSCIAAHVFALNPLARKNHGRGVITFVALLLTVEYIINTEMLITLV 180
Db 121 FLFGVLFALICFSCIAAHVFALNPLARKNHGRGVITFVALLLTVEYIINTEMLITLV 180

Db 121 LFGVLAICECLAAHVALNPLARKNGRGWVLTVALLLTVEVILTEMLITTV 180
QY 181 RCGSEGGPOGNSSA 194
Db 181 RCGSEGGPOGNSSA 194

RESULT 12
US-09-871-874-17
; Sequence 17, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinneret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-871-874-17

Query Match 20.6%; Score 91; DB 10; length 125;
Best Local Similarity 100.0%; Pred. No. 1.3e-76;
Matches 91; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 351 AKRPVSPYSGYNQQLTSYQPTMALMKHVPSEGAVIDIILPRATANSQVMSANSTLRA 410
Db 35 AKRPVSPYSGYNQQLTSYQPTMALMKHVPSEGAVIDIILPRATANSQVMSANSTLRA 94
QY 411 EDYTSQSHQAATPPPDGKRSQYFRNPYYWD 441
Db 95 EDYTSQSHQAATPPPDGKRSQYFRNPYYWD 125

RESULT 13
US-09-871-874-16
; Sequence 16, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinneret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 105
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-871-874-16

Query Match 20.4%; Score 90; DB 10; length 105;
Best Local Similarity 100.0%; Pred. No. 9.8e-76;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAHKALVNCGLPFLFPGAMAGHVPGCCSGLNPLYYNLCDRSGANGIYLEAVAGAG 60
Db 1 MAHKALVNCGLPFLFPGAMAGHVPGCCSGLNPLYYNLCDRSGANGIYLEAVAGAG 60
QY 61 IVTTFVLTIIIVASLPFVODTKRSLGTO 90
Db 61 IVTTFVLTIIIVASLPFVODTKRSLGTO 90

RESULT 14
US-10-097-065-247
; Sequence 247, Application US/10097065
; Publication No. US20030055236A1
; GENERAL INFORMATION:
; APPLICANT: Moore, Paul A. et al.
; TITLE OF INVENTION: 110 Human Secreted Proteins
; FILE REFERENCE: P2021P1
; CURRENT APPLICATION NUMBER: US/10/097,065
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: PCT/US98/27059
; PRIOR FILING DATE: 1998-12-17
; PRIOR APPLICATION NUMBER: 60/070,923
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,007
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,057
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,006
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,369
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,367
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,368
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,169
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,053
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,064
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,054
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,008
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,365
; PRIOR FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 672
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 247
; LENGTH: 106
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (106)
; OTHER INFORMATION: Xaa equals stop translation
US-10-097-065-247

Query Match 20.4%; Score 90; DB 9; length 106;
Best Local Similarity 100.0%; Pred. No. 9.9e-76;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAHKALVNCGLPFLFPGAMAGHVPGCCSGLNPLYYNLCDRSGANGIYLEAVAGAG 60
Db 1 MAHKALVNCGLPFLFPGAMAGHVPGCCSGLNPLYYNLCDRSGANGIYLEAVAGAG 60
QY 61 IVTTFVLTIIIVASLPFVODTKRSLGTO 90
Db 61 IVTTFVLTIIIVASLPFVODTKRSLGTO 90

RESULT 15
US-09-871-874-15
; Sequence 15, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinneret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P

; CURRENT APPLICATION NUMBER: US/09/871,874
 ; CURRENT FILING DATE: 2001-09-04
 ; NUMBER OF SEQ ID NOS: 21
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 15
 ; LENGTH: 150
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-871-874-15

Query Match 20.4%; Score 90; DB 10; Length 150;
 Best Local Similarity 100.0%; Pred. No. 1.3e+75;
 Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY	1	MAHKALVMCLGFLFLFPGAMAQGHVPPGCSGGLNPLYNMLCDRSGAMGIVLEAVAGAG	60
Db	46	MAHKALVMCLGFLFLFPGAMAQGHVPPGCSGGLNPLYNMLCDRSGAMGIVLEAVAGAG	105
OY	61	IVTFEVLTIIVASLSPFVODTKKRSLLGTQ	90
Db	106	IVTFEVLTIIVASLSPFVODTKKRSLLGTQ	135

Search completed: June 21, 2003, 01:51:52
 Job time : 25 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 21, 2003, 01:39:15 ; Search time 20 Seconds

(Without alignments)
648.775 Million cell updates/sec

Title: US-09-895-686-1

Perfect score: 441

Sequence: 1 MAHKALVMGLGLFLFPg.....ATPPKDKNSQVFRNPYVMD 441

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Searched: 262574 seqs, 29422922 residues

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Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

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Post-processing: Listing first 45 summaries

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- Issued_Patents_AA:*
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 - 2: /cgn2_6/ptodata/1/laa/5B.COMB.pep:*
 - 3: /cgn2_6/ptodata/1/laa/6A.COMB.pep:*
 - 4: /cgn2_6/ptodata/1/laa/6B.COMB.pep:*
 - 5: /cgn2_6/ptodata/1/laa/PCUTUS.COMB.pep:*
 - 6: /cgn2_6/ptodata/1/laa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	7	1.6	28	4	US-09-348-578-11 Sequence 11, Appl
2	7	1.6	28	4	US-09-699-684-11 Sequence 11, Appl
3	7	1.6	29	4	US-09-348-578-12 Sequence 12, Appl
4	7	1.6	29	4	US-09-699-684-12 Sequence 12, Appl
5	7	1.6	30	4	US-09-348-578-13 Sequence 13, Appl
6	7	1.6	30	4	US-09-699-684-13 Sequence 13, Appl
7	7	1.6	31	4	US-09-348-578-14 Sequence 14, Appl
8	7	1.6	31	4	US-09-699-684-14 Sequence 14, Appl
9	7	1.6	32	4	US-09-348-578-15 Sequence 15, Appl
10	7	1.6	32	4	US-09-699-684-15 Sequence 15, Appl
11	7	1.6	33	4	US-09-348-578-16 Sequence 16, Appl
12	7	1.6	33	4	US-09-699-684-16 Sequence 16, Appl
13	7	1.6	34	4	US-09-348-578-17 Sequence 17, Appl
14	7	1.6	34	4	US-09-699-684-17 Sequence 17, Appl
15	7	1.6	35	4	US-09-348-578-18 Sequence 18, Appl
16	7	1.6	35	4	US-09-699-684-18 Sequence 18, Appl
17	7	1.6	217	4	US-09-248-588-9 Sequence 9, Appl
18	7	1.6	284	4	US-08-793-701-39 Sequence 39, Appl
19	7	1.6	284	4	US-08-793-701-41 Sequence 41, Appl
20	7	1.6	284	4	US-08-793-701-57 Sequence 57, Appl
21	7	1.6	347	4	US-09-188-930-326 Sequence 326, App
22	7	1.6	359	1	US-08-307-382-2 Sequence 2, Appl
23	7	1.6	359	1	US-08-366-779-2 Sequence 2, Appl
24	7	1.6	359	1	US-08-478-127-2 Sequence 2, Appl
25	7	1.6	359	1	US-08-473-508-2 Sequence 2, Appl
26	7	1.6	359	1	US-08-789-936-2 Sequence 2, Appl
27	7	1.6	359	2	US-08-833-610-6 Sequence 6, Appl

28	7	1.6	359	3	US-08-834-033A-16 Sequence 16, Appl
29	7	1.6	359	4	US-08-934-254-2 Sequence 2, Appl
30	7	1.6	373	4	US-09-724-864-43 Sequence 43, Appl
31	7	1.6	387	1	US-08-123-161A-12 Sequence 12, Appl
32	7	1.6	387	1	US-08-483-278-12 Sequence 12, Appl
33	7	1.6	430	1	US-08-427-993B-7 Sequence 7, Appl
34	7	1.6	430	2	US-08-478-609A-7 Sequence 7, Appl
35	7	1.6	438	2	US-08-846-762-8 Sequence 8, Appl
36	7	1.6	509	1	US-08-427-993B-1 Sequence 1, Appl
37	7	1.6	509	2	US-08-478-609A-1 Sequence 1, Appl
38	7	1.6	619	3	US-08-813-150-6 Sequence 6, Appl
39	6	1.4	8	4	US-09-305-923A-4 Sequence 4, Appl
40	6	1.4	10	4	US-08-936-632B-46 Sequence 46, Appl
41	6	1.4	10	4	US-08-582-333A-1 Sequence 1, Appl
42	6	1.4	10	4	US-09-305-923A-3 Sequence 3, Appl
43	6	1.4	14	1	US-07-732-114A-8 Sequence 8, Appl
44	6	1.4	14	1	US-07-908-317-31 Sequence 31, Appl
45	6	1.4	14	1	US-08-178-477B-9 Sequence 9, Appl

ALIGNMENTS

RESULT 1
US-09-348-578-11
Sequence 11, Application US/09348578
Patent No. 6160089
GENERAL INFORMATION:
APPLICANT: HONTO, Masaru
APPLICANT: NAITOH, Naokazu
APPLICANT: UCHIDA, Hiroshi
APPLICANT: MOCHIZUKI, Daisuke
APPLICANT: MATSUMOTO, Kazuya
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT FILING DATE: 1999-07-07
EARLIER APPLICATION NUMBER: JP 193003/1998
EARLIER FILING DATE: 1998-07-08
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 11
LENGTH: 28
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(28)
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Modified Oppa secretion
US-09-348-578-11
Query Match 1.6%; Score 7; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 9.2;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 81 TKRSL 87
Db 5 TKRSL 11
RESULT 2
US-09-699-684-11
Sequence 11, Application US/09699684
Patent No. 6436674
GENERAL INFORMATION:
APPLICANT: HONTO, Masaru
APPLICANT: NAITOH, Naokazu
APPLICANT: UCHIDA, Hiroshi
APPLICANT: MOCHIZUKI, Daisuke
APPLICANT: MATSUMOTO, Kazuya
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE

FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/699,684
CURRENT FILING DATE: 2000-10-31
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/348,578
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 11
LENGTH: 28
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(28)
OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
OTHER INFORMATION: signal
US-09-699-684-11

Query Match 1.6%; Score 7; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 9.2;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 81 TKRSL 87
Db 5 TKRSL 11

RESULT 3
US-09-348-578-12
Sequence 12, Application US/09348578
Patent No. 6160089
GENERAL INFORMATION:
APPLICANT: HONJO, Masaru
APPLICANT: NAITOH, Naokazu
APPLICANT: UCHIDA, Hiroshi
APPLICANT: KOCHIZUKI, Daisuke
APPLICANT: MATSUMOTO, Kazuya
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/348,578
CURRENT FILING DATE: 1999-07-07
EARLIER APPLICATION NUMBER: JP 193003/1998
EARLIER FILING DATE: 1998-07-08
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 12
LENGTH: 29
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(29)
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
OTHER INFORMATION: signal
US-09-348-578-12

Query Match 1.6%; Score 7; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 9.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 81 TKRSL 87
Db 5 TKRSL 11

RESULT 4
US-09-699-684-12
Sequence 12, Application US/09699684
Patent No. 6436574
GENERAL INFORMATION:
APPLICANT: HONJO, Masaru
APPLICANT: NAITOH, Naokazu

APPLICANT: UCHIDA, Hiroshi
APPLICANT: KOCHIZUKI, Daisuke
APPLICANT: MATSUMOTO, Kazuya
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/699,684
CURRENT FILING DATE: 2000-10-31
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/348,578
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 12
LENGTH: 29
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(29)
OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
OTHER INFORMATION: signal
US-09-699-684-12

Query Match 1.6%; Score 7; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 9.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 81 TKRSL 87
Db 5 TKRSL 11

RESULT 5
US-09-348-578-13
Sequence 13, Application US/09348578
Patent No. 6160089
GENERAL INFORMATION:
APPLICANT: HONJO, Masaru
APPLICANT: NAITOH, Naokazu
APPLICANT: UCHIDA, Hiroshi
APPLICANT: KOCHIZUKI, Daisuke
APPLICANT: MATSUMOTO, Kazuya
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/348,578
CURRENT FILING DATE: 1999-07-07
EARLIER APPLICATION NUMBER: JP 193003/1998
EARLIER FILING DATE: 1998-07-08
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 13
LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(30)
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
OTHER INFORMATION: signal
US-09-348-578-13

Query Match 1.6%; Score 7; DB 4; Length 30;
Best Local Similarity 100.0%; Pred. No. 9.8;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 81 TKRSL 87
Db 5 TKRSL 11

RESULT 6
US-09-699-684-13
Sequence 13, Application US/09699684

Patent No. 6436674
GENERAL INFORMATION:
APPLICANT: HONJO, Masaru
APPLICANT: NAITOH, Naokazu
APPLICANT: UCHIDA, Hiroshi
APPLICANT: MOCHIZUKI, Daisuke
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/699,684
CURRENT FILING DATE: 2000-10-31
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/348,578
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 13
LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(30)
OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
US-09-699-684-13

Query Match 1.6%; Score 7; DB 4; Length 30;
Best Local Similarity 100.0%; Pred. No. 9.8;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 81 TKRSLL 87
Db 5 TKRSLL 11

RESULT 7
US-09-348-578-14
Sequence 14, Application US/09348578
Patent No. 6160089
GENERAL INFORMATION:
APPLICANT: HONJO, Masaru
APPLICANT: NAITOH, Naokazu
APPLICANT: UCHIDA, Hiroshi
APPLICANT: MOCHIZUKI, Daisuke
APPLICANT: MATSUMOTO, Kazuya
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/348,578
CURRENT FILING DATE: 1999-07-07
EARLIER APPLICATION NUMBER: JP 193003/1998
EARLIER FILING DATE: 1998-07-08
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 14
LENGTH: 31
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(31)
OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
US-09-348-578-14

Query Match 1.6%; Score 7; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 10;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 81 TKRSLL 87
Db 5 TKRSLL 11

RESULT 8
US-09-699-684-14
Sequence 14, Application US/09699684
Patent No. 6436674
GENERAL INFORMATION:
APPLICANT: HONJO, Masaru
APPLICANT: NAITOH, Naokazu
APPLICANT: UCHIDA, Hiroshi
APPLICANT: MOCHIZUKI, Daisuke
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/699,684
CURRENT FILING DATE: 2000-10-31
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/348,578
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 14
LENGTH: 31
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(31)
OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
US-09-699-684-14

Query Match 1.6%; Score 7; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 10;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 81 TKRSLL 87
Db 5 TKRSLL 11

RESULT 9
US-09-348-578-15
Sequence 15, Application US/09348578
Patent No. 6160089
GENERAL INFORMATION:
APPLICANT: HONJO, Masaru
APPLICANT: NAITOH, Naokazu
APPLICANT: UCHIDA, Hiroshi
APPLICANT: MOCHIZUKI, Daisuke
APPLICANT: MATSUMOTO, Kazuya
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/348,578
CURRENT FILING DATE: 1999-07-07
EARLIER APPLICATION NUMBER: JP 193003/1998
EARLIER FILING DATE: 1998-07-08
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 15
LENGTH: 32
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(32)
OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
US-09-348-578-15

Query Match 1.6%; Score 7; DB 4; Length 32;
Best Local Similarity 100.0%; Pred. No. 10;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 81 TKRSL 87
|||||
Db 5 TKRSL 11

RESULT 10
US-09-699-684-15

; Sequence 15, Application US/09699684
; Patent No. 6436674

; GENERAL INFORMATION:

; APPLICANT: HONJO, Masaru

; APPLICANT: NAITOH, Naokazu

; APPLICANT: UCHIDA, Hiroshi

; APPLICANT: MOCHIZUKI, Daisuke

; APPLICANT: MATSUMOTO, Kazuya

; TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE

; FILE REFERENCE: 029430-421

; CURRENT APPLICATION NUMBER: US/09/699,684

; CURRENT FILING DATE: 2000-10-31

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/348,578

; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-07

; NUMBER OF SEQ ID NOS: 41

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 15

; LENGTH: 32

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: SIGNAL

; LOCATION: (1)..(32)

; OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion

; US-09-699-684-15

Query Match

Best Local Similarity 1.6%; Score 7; DB 4; Length 32;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 81 TKRSL 87
|||||
Db 5 TKRSL 11

RESULT 11
US-09-348-578-16

; Sequence 16, Application US/09348578

; Patent No. 6160089

; GENERAL INFORMATION:

; APPLICANT: HONJO, Masaru

; APPLICANT: NAITOH, Naokazu

; APPLICANT: UCHIDA, Hiroshi

; APPLICANT: MOCHIZUKI, Daisuke

; APPLICANT: MATSUMOTO, Kazuya

; TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE

; FILE REFERENCE: 029430-421

; CURRENT APPLICATION NUMBER: US/09/348,578

; CURRENT FILING DATE: 1999-07-07

; EARLIER APPLICATION NUMBER: JP 193003/1998

; EARLIER FILING DATE: 1998-07-08

; NUMBER OF SEQ ID NOS: 41

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 16

; LENGTH: 33

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: SIGNAL

; LOCATION: (1)..(33)

; OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion

; US-09-348-578-16

Query Match 1.6%; Score 7; DB 4; Length 33;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 81 TKRSL 87
|||||
Db 5 TKRSL 11

RESULT 12
US-09-699-684-16

; Sequence 16, Application US/09699684
; Patent No. 6436674

; GENERAL INFORMATION:

; APPLICANT: HONJO, Masaru

; APPLICANT: NAITOH, Naokazu

; APPLICANT: UCHIDA, Hiroshi

; APPLICANT: MOCHIZUKI, Daisuke

; APPLICANT: MATSUMOTO, Kazuya

; TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE

; FILE REFERENCE: 029430-421

; CURRENT APPLICATION NUMBER: US/09/699,684

; CURRENT FILING DATE: 2000-10-31

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/348,578

; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-07

; NUMBER OF SEQ ID NOS: 41

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 16

; LENGTH: 33

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: SIGNAL

; LOCATION: (1)..(33)

; OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion

; US-09-699-684-16

Query Match 1.6%; Score 7; DB 4; Length 33;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 81 TKRSL 87
|||||
Db 5 TKRSL 11

RESULT 13

US-09-348-578-17

; Sequence 17, Application US/09348578

; Patent No. 6160089

; GENERAL INFORMATION:

; APPLICANT: HONJO, Masaru

; APPLICANT: NAITOH, Naokazu

; APPLICANT: UCHIDA, Hiroshi

; APPLICANT: MOCHIZUKI, Daisuke

; APPLICANT: MATSUMOTO, Kazuya

; TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE

; FILE REFERENCE: 029430-421

; CURRENT APPLICATION NUMBER: US/09/348,578

; CURRENT FILING DATE: 1999-07-07

; EARLIER APPLICATION NUMBER: JP 193003/1998

; EARLIER FILING DATE: 1998-07-08

; NUMBER OF SEQ ID NOS: 41

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 17

; LENGTH: 34

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: SIGNAL

; LOCATION: (1)..(34)

; OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion

; US-09-348-578-16

; OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
; OTHER INFORMATION: signal
US-09-348-578-17

Query Match 1.6%; Score 7; DB 4; Length 34;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 81 TKRSL 87
Db 5 TKRSL 11

RESULT 14
US-09-699-684-17
; Sequence 17, Application US/09699684
; Patent No. 6436674
; GENERAL INFORMATION:
; APPLICANT: HONJO, Masaru
; APPLICANT: NAITOH, Naokazu
; APPLICANT: UCHIDA, Hiroshi
; APPLICANT: MOCHIZUKI, Daisuke
; APPLICANT: MATSUMOTO, Kazuya
; TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
; FILE REFERENCE: 029430-421
; CURRENT APPLICATION NUMBER: US/09/699,684
; CURRENT FILING DATE: 2000-10-31
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/348,578
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 17
; LENGTH: 34
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: (1)..(34)
; OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
; OTHER INFORMATION: signal
US-09-699-684-17

Query Match 1.6%; Score 7; DB 4; Length 34;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 81 TKRSL 87
Db 5 TKRSL 11

RESULT 15
US-09-348-578-18
; Sequence 18, Application US/09348578
; Patent No. 6160089
; GENERAL INFORMATION:
; APPLICANT: HONJO, Masaru
; APPLICANT: NAITOH, Naokazu
; APPLICANT: UCHIDA, Hiroshi
; APPLICANT: MOCHIZUKI, Daisuke
; APPLICANT: MATSUMOTO, Kazuya
; TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
; FILE REFERENCE: 029430-421
; CURRENT APPLICATION NUMBER: US/09/348,578
; CURRENT FILING DATE: 1999-07-07
; EARLIER APPLICATION NUMBER: JP 193003/1998
; EARLIER FILING DATE: 1998-07-08
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 18
; LENGTH: 35
; TYPE: PRT
; ORGANISM: Artificial Sequence

; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: (1)..(35)
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
; OTHER INFORMATION: signal
US-09-348-578-18

Query Match 1.6%; Score 7; DB 4; Length 35;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 81 TKRSL 87
Db 5 TKRSL 11

Search completed: June 21, 2003, 01:47:40
Job time : 20 secs

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OM protein - protein search, using sw model

Run on: June 21, 2003, 00:06:41 ; Search time 36 Seconds

(without alignments)
360,431 Million cell updates/sec

Title: US-09-895-686-1

Perfect score: 2326

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Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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6: /cgn2_6/ptodata/1/1aa/6D_COMB.pep.*

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21: /cgn2_6/ptodata/1/1aa/6S_COMB.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	533	22.9	347	4	US-09-188-930-326
2	169	7.3	68	4	US-09-188-930-123
3	153	6.6	872	3	US-08-337-797A-2
4	153	6.6	872	3	US-09-258-523-2
5	147	6.3	879	1	US-08-072-574-6
6	147	6.3	879	1	US-08-486-270-6
7	147	6.3	879	3	US-08-367-264-6
8	147	6.3	879	4	US-08-794-158-2
9	147	6.3	879	4	US-09-153-757-6
10	147	6.3	879	4	US-08-538-526-1
11	142	6.1	1199	1	US-08-041-538-2
12	142	6.1	1199	1	US-08-463-642-2
13	142	6.1	1199	1	US-08-453-602-2
14	142	6.1	1199	2	US-08-465-157-2
15	142	6.1	1199	5	PCT-US91-09422-2
16	140	6.0	906	1	US-08-486-270-2
17	140	6.0	906	3	US-08-367-264-2
18	140	6.0	906	4	US-09-153-757-2
19	136.5	5.9	1219	2	US-08-687-289A-6
20	136	5.8	906	5	PCT-US91-09422-17
21	131.5	5.7	1056	2	US-08-687-289A-7
22	130.5	5.6	1056	2	US-08-687-289A-8
23	128.5	5.5	863	4	US-09-619-353-14
24	128.5	5.5	877	4	US-09-619-353-2
25	125	5.4	908	4	US-08-855-146-2
26	123	5.3	1058	2	US-08-687-289A-5
27	122	5.2	908	3	US-08-823-110-1

28	122	5.2	908	3	US-08-604-298-1	Sequence 1, Appli
29	120.5	5.2	854	4	US-09-619-353-10	Sequence 10, Appl
30	118.5	5.1	835	4	US-09-619-353-7	Sequence 7, Appli
31	118.5	5.1	877	3	US-09-126-280-2	Sequence 2, Appli
32	118.5	5.1	1079	1	US-08-485-588-8	Sequence 8, Appli
33	118.5	5.1	1079	1	US-08-484-565-8	Sequence 8, Appli
34	118.5	5.1	1079	2	US-08-480-751-8	Sequence 8, Appli
35	118.5	5.1	1079	2	US-08-943-986-8	Sequence 8, Appli
36	118.5	5.1	1079	3	US-08-353-784-8	Sequence 8, Appli
37	118.5	5.1	1079	3	US-08-484-719B-8	Sequence 8, Appli
38	118.5	5.1	1085	4	US-08-484-159-8	Sequence 8, Appli
39	118	5.1	1085	1	US-08-485-588-5	Sequence 5, Appli
40	118	5.1	1085	1	US-08-484-565-5	Sequence 5, Appli
41	118	5.1	1085	2	US-08-480-751-5	Sequence 5, Appli
42	118	5.1	1085	2	US-08-943-986-5	Sequence 5, Appli
43	118	5.1	1085	3	US-08-353-784-5	Sequence 5, Appli
44	118	5.1	1085	3	US-08-484-719B-5	Sequence 5, Appli
45	118	5.1	1085	4	US-08-484-159-5	Sequence 5, Appli

ALIGNMENTS

RESULT 1									
US-09-188-930-326									
Sequence 326, Application US/09188930A									
Patent No. 6150302									
GENERAL INFORMATION:									
APPLICANT: Watson, James D.									
APPLICANT: Strachan, Lorna									
APPLICANT: Sleeman, Matthew									
APPLICANT: Onrust, Rene									
APPLICANT: Marison, James Greg									
TITLE OF INVENTION: Compositions Isolated From Skin Cells									
FILE REFERENCE: 11000.1011c1									
CURRENT FILING DATE: 1998-11-09									
NUMBER OF SEQ ID NOS: 348									
SOFTWARE: FASTSEQ for Windows Version 3.0									
SEQ ID NO 326									
LENGTH: 347									
TYPE: PRT									
ORGANISM: Human									
US-09-188-930-326									
Query Match									
Best Local Similarity 36.1%; Pred. No. 6.3e-48;									
Matches 137; Conservative 61; Mismatches 130; Indels 52; Gaps 12;									
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DB	1	AMSR-----PRYRLCDKAEAMGIVLEAVAGAVTSAFMLTPIIVCK---	45						
QY	78	VQDRKRSLLTGOVEFLIGTGLFCPLVACVKKDPFSCASRRFLFGLVAFICFSCIAAH	137						
DB	46	VQDSRRKMLTQFLFGLGIVGICGLTFAITIGDGSQPRFLFGLFICSCSLAAH	105						
QY	138	VFALNFLARKNHGPRGVIPTVALLTLVEVINTLMLITPLVRSGBGQGNSSAGWA	197						
DB	106	AVSLTFLARKNHGPRGVIPTVALLTLVEVINTLMLITPLVRSGBGQGNSSAGWA	157						
QY	198	VASPCATANNMFPVALIYVMLLLIGAFIAGAMPALCGRRKRRKRGVFLTLTATSAIAW	257						
DB	158	LSAP--RRNEPFLVILTYVFLFIMALTFLMSSFTFCGFTGKRKGAAHYTLMLISTAIW	215						
QY	258	VMIWYTYGNKQHSNPTWDDPTLAIATAANMAVFLFVIEVSQVTSSEQSYOGDMY	317						
DB	216	AMITLLMLPDDR--WDTIILSALAAAGVFLIAYVSEFPLITQRRPMDYPAE--	270						
QY	318	PTRGVGYETLLEKQGSQMF--VENKAFSMDPEVAAKRPVSPYSGVNGQLTTSVYQPTEMA	376						
DB	271	-----DAFCQPOLVKKSYGVENRAYSQEE-----ITQGFETGDTLIVAPYS--THFO	315						

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QY      377 LMHKVPSEGAYDILPRATA 396
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Db      316 LONOPPOK--EFSIPRAHA 332
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RESULT 2
US-09-188-930-123
: Sequence 123, Application US/09188930A
Patent No. 6150502
GENERAL INFORMATION:
APPLICANT: Watson, James D.
APPLICANT: Strachan, Jorna
APPLICANT: Sleeman, Matthew
APPLICANT: Ornst, Rene
APPLICANT: Murison, James Greg
TITLE OF INVENTION: Compositions Isolated From Skin Cells
TITLE OF INVENTION: And Methods For Their Use
FILE REFERENCE: 11000.1011c1
CURRENT APPLICATION NUMBER: US/09/188,930A
CURRENT FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 348
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 123
LENGTH: 68
TYPE: PR1
ORGANISM: Human
US-09-188-930-123

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Query Match	7.38;	Score 169;	DB 4;	Length 68;
Best Local Similarity	54.38;	Pred. No. 1.6e-10;		
Matches	38;	Conservative	11;	Mismatches 17;
			Indels	4;
			Gaps	2

RESULT 3
 US-08-337-979A-2
 Sequence 2, Application US/08337797A
 Patent No. 6017697
 GENERAL INFORMATION:
 APPLICANT: Burnett, J. P.
 APPLICANT: Mayne, Nancy G.
 APPLICANT: Sharp, Robert L.
 APPLICANT: Snyder, Yvonne M.
 TITLE OF INVENTION: EXCITATORY AMINO ACID RECEPTOR PROTEIN
 TITLE OF INVENTION: AND RELATED NUCLEIC ACID COMPOUNDS
 NUMBER OF SEQUENCES: 3
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Eli Lilly and Company
 STREET: Lilly Corporate Center
 CITY: Indianapolis
 STATE: Indiana
 COUNTRY: United States of America
 ZIP: 46285
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/337,797A
 FILING DATE: No. 6017697ember 14, 1994
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Gaylo, Paul J.
 REGISTRATION NUMBER: 36,808

```

? REFERENCE/DOCKET NUMBER: X-9431
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (317) 276-0756
? TELEFAX: (317) 276-3861
? INFORMATION FOR SEQ ID NO: 2:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 872 amino acids
? TYPE: amino acids
? TOPOLOGY: linear
? MOLECULE TYPE: protein
US-08-337-797A-2

```

Query Match	6.6%;	Score 153;	DB 3;	Length 872;
Best Local Similarity	22.2%;	Pred. No. 4e-07;		
Matches 75;	Conservative 50;	Mismatches 143;	Indels 70;	Gaps 14

RESULT 4
US-09-258-523-2
Sequence 2, Application US/09258523
Patent No. 6103475

GENERAL INFORMATION:

APPLICANT: Burnett, J. P.
APPLICANT: Mayne, Nancy G.
APPLICANT: Sharp, Robert L.
APPLICANT: Snyder, Yvonne M.
TITLE OF INVENTION: EXCITATORY AMINO ACID RECEPTOR PROTEIN
TITLE OF INVENTION: AND RELATED NUCLEIC ACID COMPOUNDS
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Eli Lilly and Company
STREET: Lilly Corporate Center
CITY: Indianapolis
STATE: Indiana
COUNTRY: United States of America
ZIP: 46285

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/258,523
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/337,797
FILING DATE: NO. 6103475ember 14, 1994
ATTORNEY/AGENT INFORMATION:

NAME: Gaylo, Paul J.
REGISTRATION NUMBER: 36,808
REFERENCE/DOCKET NUMBER: X-9431
TELECOMMUNICATION INFORMATION:
TELEPHONE: (317) 276-0756
TELEFAX: (317) 276-3861
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 872 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
us-09-258-523-2

Query Match 6.6%; Score 153; DB 3; Length 872;
Best Local Similarity 22.28; Pred. No. 4e-07;
Matches 75; Conservative 50; Mismatches 143; Indels 70; Gaps 14;

QY 6 ALVWMLGP--LFLPGAMAGHVPQCGLNPLYYNLCDRSGAMGIVLEAVAGAGIVT 63
DB 549 SLTGCCELPOEYIRMDAMAVGPVTAC-----LGA-LAT 582
QY 64 TVVLTIIIVASLPEVDQTKRSLGTVQVEFLGLGL-FCLVACVVKPDETCASRRL 122
DB 583 LFLVGFVFRHNAIPVVKASGREL---CYLLGVEFLCYCMTFIFIAKPESTGCALRLG 638
QY 123 FGVLEAIPCSCLAHFALNLFARKNHGPRGW-----ITVALLLTV--EVIINT 172
DB 639 VGFASFVSCYSLTLTKT---NRIRIFGAREGAORPRETSPASOVAICALLISGQLITV 695
QY 173 EMLITLVRSGEQSGPOGSSAGMAVAPCAIANMFVVALIYVMLLLGAFLGAMPALC 232
DB 696 AMVVEAPGTGKTADEBRE---VYTLRCNHHDASLGLSLAINVLLI-----ALC 742
QY 233 GRK-RMRK-----HGVVLLTTATSAIVAVIWMYIYGNKHNSPTWDDPLAIALA 285
DB 743 TLVAFKTRKCPENFNKAFIGFTMYTTCIIMLAFLEFYVTSDDYRQT---TTMCVSVS 759
QY 286 ANAMAVFLVYIPEVSQVTSPEOSYQGMPTRGV 323
DB 800 LSG-SVVLGCLFAPKHLIILPOKKNVSHRAPTSREG 836

RESULT 5

US-08-072-574-6
Sequence 6, Application US/08072574,
Patent No. 5521297
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen
APPLICANT: Pontsler, Aaron
TITLE OF INVENTION: HUMAN METABOTROPIC GLUTAMATE RECEPTORS,
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING SAME AND USES THEREOF
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000,
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 00719
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/072,574
FILING DATE: 19930604
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.

REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9383
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-622-7700
TELEFAX: 213-489-4210
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 879 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
us-08-072-574-6

Query Match 6.3%; Score 147; DB 1; Length 879;
Best Local Similarity 21.88; Pred. No. 1.7e-06;
Matches 61; Conservative 55; Mismatches 106; Indels 58; Gaps 12;

QY 48 AMGIVLEAVAGAGIVTFTVLTIIIVA--SLPEVDTKRSLGTVQVEFLGLGL-FCLV 104
DB 575 AMAIGPVTIACLFPMCTCMVTVFIRKNNTPLVKASGRE-----LCYILLFGGLSYCMT 629
QY 105 PACVVKPDETCASRRLFEVLFAICPSCLAHVFLNLFAR-----KNHGPGRWY--- 156
DB 630 FFEIARSPYICALRLGLGSSFAICYSALLTKT---NCIARLEFGVKNAGORPKFISPS 686
QY 157 --FTVALLLTVVYIINTFWLITLVRSGEQSGPOGSSAGMAVAS-----PCAIAM 207
DB 687 SQVFICGLITVQIVMVSVLLI-----EAPGIRRYLAEKREYVILKCNKDS 735
QY 208 DFVVALIYVLLLGAFLGAMPALCGRYK-RMRK-----HGVVLLTTATSAIVAVYWT 260
DB 736 SMLISLTVDIYI-----LCYVYARFKTRCPENFNKAFIGFTMYTTCIIMLAF 786
QY 261 VMTYGNKHNSPTWDDPLAIALANAMFVLEFYIPEV 300
DB 787 PIRYVTSDDYRQT---TTCISVSLSGFVVLGCLFAPKV 823

RESULT 6

US-08-486-270-6
Sequence 6, Application US/08486270
Patent No. 5807689
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen
APPLICANT: Pontsler, Aaron
APPLICANT: Johnson, Edwin C.
APPLICANT: Hess, Stephen D.
TITLE OF INVENTION: HUMAN METABOTROPIC GLUTAMATE RECEPTORS,
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING SAME AND USES THEREOF
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,270
FILING DATE: 02-JUN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/072,574
FILING DATE: 04-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.

REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: FP41 9772
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 879 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-486-270-6

Query Match 6.3%; Score 147; DB 1; Length 879;
Best Local Similarity 21.8%; Pred. No. 1.7e-06;
Matches 61; Conservative 55; Mismatches 106; Indels 58; Gaps 12;

QY 48 AMGVLEAVAGAGIVTEVLTITLVA--SLPEVQDTKRSLSLGTQVFELGLGL-FCLV 104
DB 575 AMAIGEVTTIACIGFMCCTCVVTFEIKHNTPLVKASGRE----LCYILLFGVGLSYCMT 629
QY 105 FACVVPDSTCASRREFLGVLPALCFSCLAHVFLNPLAR-----KNHGPRGWI---- 156
DB 630 FFFIAPSPVTCALRRLGLSSPAICYSLTKT--NCIARIFDGVKNKAQRPKFISPS 686
QY 157 --FTVALLTIVEIINTFMILITTVRGSGEGGPGQSSAGNAVAS-----PCAIAMN 207
DB 687 SQVFICLGLIIVQIVAVSWLIL-----EAPGTRRYTLAKRETVILKCVKXS 735
QY 208 DEVMALIVYMLLLGAFGLAMPALCGRYK-RMRK-----HGVFLLTATSVAIVWVI 260
DB 736 SMLISTYVIVIIYI-----LCYVAFKTRKCPENNEAKFIFGTWYTCIIWLAF 786
QY 261 VMYTVGNKQHSPTMDPTLATAIANANAFVLFYIPEV 300
DB 787 PIIFYTSSDYRVQT---TTMCISVSLSGFVGLCLPAPKV 823

RESULT 7

US-08-367-264-6
Sequence 6, Application US/08367264
Patent No. 6001581
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen
APPLICANT: Pontsler, Aaron
APPLICANT: Johnson, Edwin C.
APPLICANT: Hess, Stephen D.
TITLE OF INVENTION: HUMAN METABOTROPIC GLUTAMATE RECEPTORS,
NUCLEIC ACIDS ENCODING SAME AND USES THEREOF
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/367,264
FILING DATE: 02-JUN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/072,574
FILING DATE: 04-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.

REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: FP41 9772
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 879 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-367-264-6

Query Match 6.3%; Score 147; DB 3; Length 879;
Best Local Similarity 21.8%; Pred. No. 1.7e-06;
Matches 61; Conservative 55; Mismatches 106; Indels 58; Gaps 12;

QY 48 AMGVLEAVAGAGIVTEVLTITLVA--SLPEVQDTKRSLSLGTQVFELGLGL-FCLV 104
DB 575 AMAIGEVTTIACIGFMCCTCVVTFEIKHNTPLVKASGRE----LCYILLFGVGLSYCMT 629
QY 105 FACVVPDSTCASRREFLGVLPALCFSCLAHVFLNPLAR-----KNHGPRGWI---- 156
DB 630 FFFIAPSPVTCALRRLGLSSPAICYSLTKT--NCIARIFDGVKNKAQRPKFISPS 686
QY 157 --FTVALLTIVEIINTFMILITTVRGSGEGGPGQSSAGNAVAS-----PCAIAMN 207
DB 687 SQVFICLGLIIVQIVAVSWLIL-----EAPGTRRYTLAKRETVILKCVKXS 735
QY 208 DEVMALIVYMLLLGAFGLAMPALCGRYK-RMRK-----HGVFLLTATSVAIVWVI 260
DB 736 SMLISTYVIVIIYI-----LCYVAFKTRKCPENNEAKFIFGTWYTCIIWLAF 786
QY 261 VMYTVGNKQHSPTMDPTLATAIANANAFVLFYIPEV 300
DB 787 PIIFYTSSDYRVQT---TTMCISVSLSGFVGLCLPAPKV 823

RESULT 8

US-08-794-158-2
Sequence 2, Application US/08794158
Patent No. 6387655
GENERAL INFORMATION:
APPLICANT: Burnett Jr., J. Paul
APPLICANT: Mayne, Nancy G.
APPLICANT: Sharp, Robert L.
TITLE OF INVENTION: Excitatory Amino Acid Receptor Protein
and Related Nucleic Acid Compounds
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Eli Lilly and Company
STREET: Lilly Corporate Center
CITY: Indianapolis
STATE: Indiana
COUNTRY: U.S.
ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/794,158
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Webster, Thomas D.
REGISTRATION NUMBER: 39,872
REFERENCE/DOCKET NUMBER: X-9962
TELECOMMUNICATION INFORMATION:
TELEPHONE: 317-276-3334
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:

LENGTH: 879 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-794-158-2

Query Match 6.3%; Score 147; DB 4; Length 879;
Best Local Similarity 21.8%; Pred. No. 1.7e-06;
Matches 61; Conservative 55; Mismatches 106; Indels 58; Gaps 12;

QY 48 AMGIVLEAVAGAGIVTTFVLTIIIVA--SLPFVODTKRSLGTVQVFLGLTGL-FCGLV 104
DB 575 AMAIGPVITACLGMCCTCMVTVTFIKHNTPLVKASGRE-----LCYILLGVLGSLYGMT 629
QY 105 FACVVKPDFSTCASRRLFGVLFALICFSCLAHFALEFLAR-----KNHPRGMYI--- 156
DB 630 FFFIAKSPVICALRRGLGSSFAICYALLTKT---NCIARIFDGVNKAQRPFISPS 686
QY 157 --FTVALLLTVEYIINTEMLIITLVKSGSGGPGNSAGMAVAS-----PCAIANM 207
DB 687 SQVFICGLLIVQIVMVSVMIL-----EAPGTRRYTLAEKRETVILKCNKDS 735
QY 208 DEVALLIYVMLLIGAFLGAMPALCGRYK-RMRK-----HGVFVLLTATSVAIWMYVI 260
DB 736 SMLISLYDVILVI-----LCYVYAFKTRKCPENFNEAKFIFGFTMYTTCIIMWLAFL 786
QY 261 VMYTYGNKQNSPTWDPDLTALAANAMAFVLFYIPEV 300
DB 787 PIFVYTSDDYRQV---TTMCISVSLSGFVVLGCLFAPKV 823

RESULT 9

US-09-153-757-6
Sequence 6, Application US/09153757
Patent No. 6413764

GENERAL INFORMATION:

APPLICANT: Daggett, Lorrie
Ellis, Steven B.
Llaw, Chen
Pontsler, Aaron
Johnson, Edwin C.
Hess, Stephen D.
TITLE OF INVENTION: HUMAN METABOTROPIC GLUTAMATE RECEPTORS,
NUCLEIC ACIDS ENCODING SAME AND USES THEREOF
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Priety, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/153,757
FILING DATE: 15-Sep-1998
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/486,270
FILING DATE: 02-JUN-1994
APPLICATION NUMBER: US 08/072,574
FILING DATE: 04-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: FPA1 9772
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392

INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 879 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-153-757-6

Query Match 6.3%; Score 147; DB 4; Length 879;
Best Local Similarity 21.8%; Pred. No. 1.7e-06;
Matches 61; Conservative 55; Mismatches 106; Indels 58; Gaps 12;

QY 48 AMGIVLEAVAGAGIVTTFVLTIIIVA--SLPFVODTKRSLGTVQVFLGLTGL-FCGLV 104
DB 575 AMAIGPVITACLGMCCTCMVTVTFIKHNTPLVKASGRE-----LCYILLGVLGSLYGMT 629
QY 105 FACVVKPDFSTCASRRLFGVLFALICFSCLAHFALEFLAR-----KNHPRGMYI--- 156
DB 630 FFFIAKSPVICALRRGLGSSFAICYALLTKT---NCIARIFDGVNKAQRPFISPS 686
QY 157 --FTVALLLTVEYIINTEMLIITLVKSGSGGPGNSAGMAVAS-----PCAIANM 207
DB 687 SQVFICGLLIVQIVMVSVMIL-----EAPGTRRYTLAEKRETVILKCNKDS 735
QY 208 DEVALLIYVMLLIGAFLGAMPALCGRYK-RMRK-----HGVFVLLTATSVAIWMYVI 260
DB 736 SMLISLYDVILVI-----LCYVYAFKTRKCPENFNEAKFIFGFTMYTTCIIMWLAFL 786
QY 261 VMYTYGNKQNSPTWDPDLTALAANAMAFVLFYIPEV 300
DB 787 PIFVYTSDDYRQV---TTMCISVSLSGFVVLGCLFAPKV 823

RESULT 10

US-08-538-526-1
Sequence 1, Application US/08538526
Patent No. 6303751

GENERAL INFORMATION:

APPLICANT: Burnett, J. Paul
Mayne, Nancy G.
APPLICANT: Sharp, Robert L.
APPLICANT: Snyder, Yvonne M.
TITLE OF INVENTION: Human Metabotropic Glutamate Receptor
and Related DNA Compounds
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Patent Division/DKB
STREET: Lilly Corporate Center
CITY: Indianapolis
STATE: IN
COUNTRY: USA
ZIP: 46285

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/538,526
FILING DATE: October 3, 1995
CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: Blalock, Donna K.
REGISTRATION NUMBER: 38,082
REFERENCE/DOCKET NUMBER: X-8319B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 317/277-1090
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1194 amino acids
TYPE: amino acid
TOPOLOGY: linear

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/463,642
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/672,007
FILING DATE: 18-MAR-1991
APPLICATION NUMBER: US 07/648,481
FILING DATE: 30-JAN-1991
APPLICATION NUMBER: 07/626,806
FILING DATE: 12-DEC-1990
ATTORNEY/AGENT INFORMATION:
NAME: Parmelee, Steven W
REGISTRATION NUMBER: 31,990
REFERENCE/DOCKET NUMBER: 13952-6-1-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-467-9600
TELEFAX: 206-623-6793
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1199 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-463-642-2

Query Match 6.1%; Score 142; DB 1; Length 1199;
Best Local Similarity 22.4%; Pred. No. 9.4e-06;

Matches 85; Conservative 54; Mismatches 153; Indels 88; Gaps 19;

QY 20 GANAQGVHPGCGSOGNPLYYNLCDSGANGIYLEAVAGIYTFVLTITLV--ASLPF 77
DB 568 GWPNAEL-----TGCEPIVRYLWSDISITAIASFSGIIVTLFVLTIVLYRDPV 622
QY 78 VODTKRSLGTQVFFLGT-LGIFCLVFCVVKPDESTCASRRFLFGVFAICFSCIAA 136
DB 623 VKSSRRLC-----YIIAGIFLGYVC-PFTLIANKPTTSCYLOQLVLGSSAMCYSLA-- 675
QY 137 HVFLANFLARKNHG-----PR--GWVIFVALLLVLEYIITFEMLIITLVGSG 184
DB 676 -VTKTNRIARILGSKKIKCTRRKRFMSAQAQYIIASILSVOLT-----LVYTLI---- 725
QY 185 EGGPQGSAGMAVASP-----CAIANMDFVMAIIVMLLIGAFLGAW 228
DB 726 -----IMEPPMILSYPSIKEVYLLICNTSNLGVAVPGVNGLLIMSCITYAF 772
QY 229 -----PALCGRYKRRKHGVFVLLTATSAIVWVIMVITYGKOHNSPTMDPTLAI 283
DB 773 KTRNVPAINFENAK-----YIAFTMYTTCIIMLAFPIY-FGSNRYKIITTCFAVLSVT 824
QY 284 LAANAMAFVLEFYI---PE---VSQVTKSSPEQSYQGD-WPTRGVYETILKEOK-GQS 335
DB 825 VALGCMETPKMYIILIAKPERNVRSAFITSDVVRMHVGDGRLPCRSNTFLNIFRRKKPGAG 884
QY 336 MEYEN-KAFSMDPEVAKRP 354
DB 885 NANSNGKSVSMSEPGGRAP 904

RESULT 13

US-08-455-602-2
Sequence 2, Application US/08455602

Patent No. 5747267

GENERAL INFORMATION:

APPLICANT: Mulvihill, Eileen R

APPLICANT: Hagen, Frederick S

APPLICANT: Houamed, Khaled M

APPLICANT: Almers, Wolfhard

TITLE OF INVENTION: G PROTEIN COUPLED GLUTAMATE

TITLE OF INVENTION: RECEPTORS

NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend
STREET: Steuart Street Tower, One Market Plaza
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,602
FILING DATE: 31-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/672,007
FILING DATE: 18-MAR-1991
APPLICATION NUMBER: US 07/648,481
FILING DATE: 30-JAN-1991
APPLICATION NUMBER: 07/626,806
FILING DATE: 12-DEC-1990
ATTORNEY/AGENT INFORMATION:
NAME: Parmelee, Steven W
REGISTRATION NUMBER: 31,990
REFERENCE/DOCKET NUMBER: 13952-6-1-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-467-9600
TELEFAX: 206-623-6793
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1199 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-455-602-2

Query Match 6.1%; Score 142; DB 1; Length 1199;
Best Local Similarity 22.4%; Pred. No. 9.4e-06;

Matches 85; Conservative 54; Mismatches 153; Indels 88; Gaps 19;

QY 20 GANAQGVHPGCGSOGNPLYYNLCDSGANGIYLEAVAGIYTFVLTITLV--ASLPF 77
DB 568 GWPNAEL-----TGCEPIVRYLWSDISITAIASFSGIIVTLFVLTIVLYRDPV 622
QY 78 VODTKRSLGTQVFFLGT-LGIFCLVFCVVKPDESTCASRRFLFGVFAICFSCIAA 136
DB 623 VKSSRRLC-----YIIAGIFLGYVC-PFTLIANKPTTSCYLOQLVLGSSAMCYSLA-- 675
QY 137 HVFLANFLARKNHG-----PR--GWVIFVALLLVLEYIITFEMLIITLVGSG 184
DB 676 -VTKTNRIARILGSKKIKCTRRKRFMSAQAQYIIASILSVOLT-----LVYTLI---- 725
QY 185 EGGPQGSAGMAVASP-----CAIANMDFVMAIIVMLLIGAFLGAW 228
DB 726 -----IMEPPMILSYPSIKEVYLLICNTSNLGVAVPGVNGLLIMSCITYAF 772
QY 229 -----PALCGRYKRRKHGVFVLLTATSAIVWVIMVITYGKOHNSPTMDPTLAI 283
DB 773 KTRNVPAINFENAK-----YIAFTMYTTCIIMLAFPIY-FGSNRYKIITTCFAVLSVT 824
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RESULT 14

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US-08-465-157-2
: Sequence 2, Application US/08465157
: Patent No. 5869609
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: GENERAL INFORMATION:
: APPLICANT: Mulvihill, Eileen R
: APPLICANT: Hagen, Frederick S
: APPLICANT: Housmed, Khaled M
: APPLICANT: Almers, Wolfhard
: TITLE OF INVENTION: G PROTEIN COUPLED GLUTAMATE
: TITLE OF INVENTION: RECEPTORS
: NUMBER OF SEQUENCES: 15
: CORRESPONDENCE ADDRESSES:
: ADDRESSEE: Townsend and Townsend
: STREET: Stewart Street Tower, One Market Plaza
: CITY: San Francisco
: STATE: CA
: COUNTRY: USA
: ZIP: 94105
:
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentln Release #1.24
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: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/465,157
: FILING DATE:
: CLASSIFICATION:
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: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US/08/041,538
: FILING DATE:
: APPLICATION NUMBER: US/07/648,481
: FILING DATE:
: APPLICATION NUMBER: US 07/626,806
: FILING DATE: 12-DEC-1990
: ATTORNEY/AGENT INFORMATION:
: NAME: Parmelee, Steven W
: REGISTRATION NUMBER: 31,990
: REFERENCE/DOCKET NUMBER: 13952-6-1
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 206-467-9600
: TELEFAX: 206-623-6793
: INFORMATION FOR SEQ ID NO: 2:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 1199 amino acids
: TYPE: amino acid
: TOPOLOGY: linear
: MOLECULE TYPE: protein
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US-08-465-157-2
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: Query Match 6.1%; Score 142; DB 2; Length 1199;
: Best Local Similarity 22.4%; Pred. No. 9.4e-06;
: Matches 85; Conservative 54; Mismatches 153; Indels 88; Gaps 19
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Search completed: June 21, 2003, 01:39:57
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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 21, 2003, 01:34:30 ; Search time 67 Seconds
(without alignments)
712.227 Million cell updates/sec

Title: US-09-895-686-1

Perfect score: 2326
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Scoring table: BIOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 417779 seqs, 108206813 residues

Total number of hits satisfying chosen parameters: 417779

Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
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Listing first 45 summaries

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14: /cgn2_6/ptodata/2/pubppaa/US60_PUBCOMB pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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1	2326	100.0	441	10	US-09-871-874-21 Sequence 21, Appl
2	2326	100.0	441	10	US-09-895-686-1 Sequence 1, Appl
3	2326	100.0	486	10	US-09-871-874-14 Sequence 14, Appl
4	2274	97.8	451	10	US-09-871-874-9 Sequence 9, Appl
5	2274	97.8	451	10	US-09-871-874-13 Sequence 13, Appl
6	2274	97.8	496	10	US-09-871-874-12 Sequence 12, Appl
7	2250	96.7	473	10	US-09-871-874-19 Sequence 19, Appl
8	2027	87.1	400	9	US-10-097-065-146 Sequence 146, App
9	2019	86.8	401	10	US-09-871-874-11 Sequence 11, Appl
10	2019	86.8	446	10	US-09-871-874-10 Sequence 10, Appl
11	1018	43.8	234	10	US-09-871-874-20 Sequence 20, Appl
12	733	31.5	403	10	US-10-097-340-121 Sequence 121, App
13	733	31.5	403	10	US-09-826-508-30 Sequence 30, Appl
14	733	31.5	403	10	US-09-895-686-5 Sequence 5, Appl
15	733	31.5	427	10	US-09-826-508-32 Sequence 32, Appl
16	558	24.0	357	9	US-10-176-847-60 Sequence 60, Appl
17	550.5	23.7	313	10	US-09-864-761-35804 Sequence 35804, A
18	533	22.9	347	9	US-09-866-050A-326 Sequence 326, App
19	479.5	20.6	125	10	US-09-871-874-17 Sequence 17, Appl

20	478	20.6	105	10	US-09-871-874-16 Sequence 16, Appl
21	478	20.6	106	9	US-10-097-065-247 Sequence 247, App
22	478	20.6	150	10	US-09-871-874-15 Sequence 15, Appl
23	350	15.0	67	10	US-09-871-874-18 Sequence 18, Appl
24	187.5	8.1	200	9	US-10-023-282-349 Sequence 349, App
25	169	7.3	68	9	US-09-866-050A-123 Sequence 123, App
26	154	6.6	738	9	US-10-270-333-6 Sequence 6, Appl
27	129	5.5	583	9	US-10-270-333-78 Sequence 78, Appl
28	128.5	5.5	828	10	US-09-816-685-4 Sequence 4, Appl
29	128.5	5.5	863	9	US-10-151-208-14 Sequence 14, Appl
30	128.5	5.5	877	9	US-10-151-208-2 Sequence 2, Appl
31	128	5.5	197	10	US-09-864-761-37046 Sequence 37046, A
32	126	5.4	881	10	US-09-982-336-2 Sequence 2, Appl
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35	118.5	5.1	835	9	US-10-151-208-7 Sequence 7, Appl
36	117.5	5.1	1027	9	US-10-125-792-2 Sequence 2, Appl
37	117.5	5.1	1027	9	US-10-125-792-2 Sequence 2, Appl
38	117.5	5.1	1078	12	US-10-002-854-2 Sequence 2, Appl
39	115.5	5.0	1078	10	US-09-727-205-2 Sequence 2, Appl
40	113.5	4.9	388	9	US-10-125-792-6 Sequence 6, Appl
41	113.5	4.9	388	9	US-10-125-792-6 Sequence 6, Appl
42	113.5	4.9	850	9	US-10-125-792-12 Sequence 12, Appl
43	113.5	4.9	850	9	US-10-125-792-12 Sequence 12, Appl
44	113.5	4.9	941	9	US-10-125-792-8 Sequence 8, Appl
45	113.5	4.9	941	9	US-10-125-792-10 Sequence 10, Appl

ALIGNMENTS

RESULT 1	
US-09-871-874-21	US-09-871-874-21
Sequence 21, Application US/09871874	
Patent No. US20020081655A1	
GENERAL INFORMATION:	
APPLICANT: SAVITZKY, Kinnearet	
APPLICANT: TOBORIK, Amir	
TITLE OF INVENTION: Spline Variant of mclur	
FILE REFERENCE: 2786-0176P	
CURRENT APPLICATION NUMBER: US/09/871, 874	
CURRENT FILING DATE: 2001-09-04	
NUMBER OF SEQ ID NOS: 21	
SOFTWARE: PatentIn Ver. 2.1	
SEQ ID NO 21	
LENGTH: 441	
TYPE: PRT	
ORGANISM: Homo sapiens	
US-09-871-874-21	
Query Match 100.0%; Score 2326; DB 10; Length 441;	
Best Local Similarity 100.0%; Pred. No. 3.4e-210;	
Matches 441; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
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QY	61 ITTFVFLIITIVASLPFVODTKRSLTGYFFLIGTIGLCYFACVVKPDFSTCASRR 120
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Db 301 SOVTKSSPEQSYOGDMYPTRGVGYETILKEQKQSMFVENKAFSMDPEVAARPVSPYSG 360
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RESULT 2
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; Sequence 1, Application US/09895686
; Patent No. US20020106655A1
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Lal, Preeti
; APPLICANT: Tang, Y. Tom
; APPLICANT: Baughn, Mariah R.
; TITLE OF INVENTION: HUMAN GPCR PROTEINS
; FILE REFERENCE: PC-0044 CIP
; CURRENT FILING DATE: 2001-06-28
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PERL Program
; SEQ ID NO 1
; LENGTH: 441
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20020106655A1 1258981CD1
US-09-895-686-1
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Best Local Similarity 100.0%; Pred. No. 3.4e-210;
Matches 441; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 61 YTTFFVLTIIIVASLPFVODTKRSLGTQVFFLLGTGLFCLVFACVYKPPDSTCASRR 120
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; Sequence 14, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinneret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mclur
; FILE REFERENCE: 2786-0176P
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 486
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-871-874-14
Query Match 100.0%; Score 2326; DB 10; Length 486;
Best Local Similarity 100.0%; Pred. No. 3.9e-210;
Matches 441; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 226 RSGEGGPGQNSAGAVASPCAIANDVMALITYMILLGAFGAMPALCGRRKMRK 285
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Db 466 AATPPKDGKNSQVFRNPYWD 486
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; Sequence 9, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinneret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mclur
; FILE REFERENCE: 2786-0176P
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21

SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 451
; TYPE: PR1
; ORGANISM: Homo sapiens
US-09-871-874-9

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; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinneret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 451
; TYPE: PR1
; ORGANISM: Homo sapiens
US-09-871-874-13

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DB 181 RGSSEGGPOGNSAGNAVASPCAIANDFYMALIYVALLLGAFLGAMPALCGRYKRWK 240
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DB 301 SQTAKSPESQYOGDMYPTRGVGETILKQKQSMFVENKARSMDEPVAAKRPVPSYG 360
QY 361 YNGQLTSYQPTMALMHRKVPSEGAVIDILPRATANSQVGSANSTLRADMYSAOSHQ 420
DB 361 YNGQLTSYQPTMALMHRKVPSEGAVIDILPRATANSQVGSANSTLRADMYSAOSHQ 420
QY 421 AATPPKDKNSQV 433
DB 421 AATPPKDKNSQV 433

RESULT 6
US-09-871-874-12
; Sequence 12; Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinneret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 496
; TYPE: PR1
; ORGANISM: Homo sapiens
US-09-871-874-12

Query Match 97.8%; Score 2274; DB 10; Length 496;
Best Local Similarity 100.0%; Pred. No. 3.1e-205;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAIHKALVMCLGPLEFPGAMAQGHVPPCCSOGINPLYYNLCDRSGAMGIVEAVAGAG 60
DB 46 MAIHKALVMCLGPLEFPGAMAQGHVPPCCSOGINPLYYNLCDRSGAMGIVEAVAGAG 105
QY 61 IYTFVLLITLIVASLPVQDTKRSLGTGVFLGLGFCIVFACVVPDSTCASRR 120
DB 106 IYTFVLLITLIVASLPVQDTKRSLGTGVFLGLGFCIVFACVVPDSTCASRR 165
QY 121 FLFGVLFALCFSCIAAHVFLNLFARKNHGPRGWIETVALLTVEVIINTEMLITLV 180
DB 166 FLFGVLFALCFSCIAAHVFLNLFARKNHGPRGWIETVALLTVEVIINTEMLITLV 225
QY 181 RGSSEGGPOGNSAGNAVASPCAIANDFYMALIYVALLLGAFLGAMPALCGRYKRWK 240
DB 226 RGSSEGGPOGNSAGNAVASPCAIANDFYMALIYVALLLGAFLGAMPALCGRYKRWK 285
QY 241 HGCVFLLITTSVAIVVWVIMVMTYGNKQNSPTWDDPTLAILAANAMAFVLEYIPEV 300
DB 286 HGCVFLLITTSVAIVVWVIMVMTYGNKQNSPTWDDPTLAILAANAMAFVLEYIPEV 345
QY 301 SQTAKSPESQYOGDMYPTRGVGETILKQKQSMFVENKARSMDEPVAAKRPVPSYG 360

```
Db 346 SOVTSSPEQSYOGDMYPTRGVGYETILKEQKQSGSFVENKAFSMDPEVAARPVSPYSG 405
QY 361 YNGOLTSYOPTEMALMKHPSEGA YDIIIPRATANSOVMSANSTLAEDMYSQSHO 420
Db 406 YNGOLTSYOPTEMALMKHPSEGA YDIIIPRATANSOVMSANSTLAEDMYSQSHO 465
QY 421 AATPPKDGKNSOV 433
Db 466 AATPPKDGKNSOV 478

RESULT 7
US-09-871-874-19
; Sequence 19, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinmeret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 473
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-871-874-19

Query Match 96.7%; Score 2250; DB 10; Length 473;
Best Local Similarity 100.0%; Pred. No. 5.2e-203;
Matches 428; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAIHRALVNCGLPLFLFGANAQGHVPPGCSQGLNPLYNYLCDNSGANGIYLEAVAGAG 60
Db 1 MAIHRALVNCGLPLFLFGANAQGHVPPGCSQGLNPLYNYLCDNSGANGIYLEAVAGAG 60
QY 61 YTTTFLVLTIIIVASLPEFVODTKRSLGTQVEFLGTGLFCLVACVYKPPDFSCASRR 120
Db 61 YTTTFLVLTIIIVASLPEFVODTKRSLGTQVEFLGTGLFCLVACVYKPPDFSCASRR 120
QY 121 FLFGVLAIFCSCLAHAHFALNFLARKNHGPRGWIYFVALLLTVEVIINTEMLITLY 180
Db 121 FLFGVLAIFCSCLAHAHFALNFLARKNHGPRGWIYFVALLLTVEVIINTEMLITLY 180
QY 181 RSGGEGPGQNSAGAVASPCAIANMDFVALLIYMLLLGAFGLGAMPALCGRYKRMK 240
Db 181 RSGGEGPGQNSAGAVASPCAIANMDFVALLIYMLLLGAFGLGAMPALCGRYKRMK 240
QY 241 HGVFVLLTATSVAILVWVIWVITTYGNKQNSPTWDDPLATLALANAMAFVLFYVIEV 300
Db 241 HGVFVLLTATSVAILVWVIWVITTYGNKQNSPTWDDPLATLALANAMAFVLFYVIEV 300
QY 301 SOVTSSPEQSYOGDMYPTRGVGYETILKEQKQSGSFVENKAFSMDPEVAARPVSPYSG 360
Db 301 SOVTSSPEQSYOGDMYPTRGVGYETILKEQKQSGSFVENKAFSMDPEVAARPVSPYSG 360
QY 361 YNGOLTSYOPTEMALMKHPSEGA YDIIIPRATANSOVMSANSTLAEDMYSQSHO 420
Db 361 YNGOLTSYOPTEMALMKHPSEGA YDIIIPRATANSOVMSANSTLAEDMYSQSHO 420
QY 421 AATPPKDG 428
Db 421 AATPPKDG 428

RESULT 8
US-10-097-065-146
; Sequence 146, Application US/10097065
; Publication No. US20030055236A1
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; GENERAL INFORMATION:
; APPLICANT: Moore, Paul A. et al.
; TITLE OF INVENTION: 110 Human Secreted Proteins
; FILE REFERENCE: P2021p1
; CURRENT APPLICATION NUMBER: US/10/097,065
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: PCT/US98/27059
; PRIOR FILING DATE: 1998-12-17
; PRIOR APPLICATION NUMBER: 60/070,923
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,007
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,057
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,006
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,369
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,367
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,368
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,169
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,053
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,064
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,054
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,008
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,365
; PRIOR FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 672
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 146
; LENGTH: 400
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (400)
; OTHER INFORMATION: xaa equals stop translation
US-10-097-065-146

Query Match 87.1%; Score 2027; DB 9; Length 400;
Best Local Similarity 100.0%; Pred. No. 3.7e-182;
Matches 384; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAIHRALVNCGLPLFLFGANAQGHVPPGCSQGLNPLYNYLCDNSGANGIYLEAVAGAG 60
Db 1 MAIHRALVNCGLPLFLFGANAQGHVPPGCSQGLNPLYNYLCDNSGANGIYLEAVAGAG 60
QY 61 YTTTFLVLTIIIVASLPEFVODTKRSLGTQVEFLGTGLFCLVACVYKPPDFSCASRR 120
Db 61 YTTTFLVLTIIIVASLPEFVODTKRSLGTQVEFLGTGLFCLVACVYKPPDFSCASRR 120
QY 121 FLFGVLAIFCSCLAHAHFALNFLARKNHGPRGWIYFVALLLTVEVIINTEMLITLY 180
Db 121 FLFGVLAIFCSCLAHAHFALNFLARKNHGPRGWIYFVALLLTVEVIINTEMLITLY 180
QY 181 RSGGEGPGQNSAGAVASPCAIANMDFVALLIYMLLLGAFGLGAMPALCGRYKRMK 240
Db 181 RSGGEGPGQNSAGAVASPCAIANMDFVALLIYMLLLGAFGLGAMPALCGRYKRMK 240
QY 241 HGVFVLLTATSVAILVWVIWVITTYGNKQNSPTWDDPLATLALANAMAFVLFYVIEV 300
Db 241 HGVFVLLTATSVAILVWVIWVITTYGNKQNSPTWDDPLATLALANAMAFVLFYVIEV 300
QY 301 SOVTSSPEQSYOGDMYPTRGVGYETILKEQKQSGSFVENKAFSMDPEVAARPVSPYSG 360
Db 301 SOVTSSPEQSYOGDMYPTRGVGYETILKEQKQSGSFVENKAFSMDPEVAARPVSPYSG 360
```

Qy 361 YNGQLTSVYOPTMALMHKVPSE 384
Db 361 YNGQLTSVYOPTMALMHKVPSE 384

RESULT 9
US-09-871-874-11
Sequence 11, Application US/09871874
Patent No. US20020081655A1
GENERAL INFORMATION:
APPLICANT: SAVITZKY, Kinmeret
APPLICANT: TOPORIK, Amir
APPLICANT: MINTZ, Lat
TITLE OF INVENTION: Splice Variant of mglur
FILE REFERENCE: 2786-0176P
CURRENT APPLICATION NUMBER: US/09/871.874
CURRENT FILING DATE: 2001-09-04
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 11
LENGTH: 401
TYPE: PRT
ORGANISM: Homo sapiens
US-09-871-874-11

Query Match 86.8%; Score 2019; DB 10; Length 401;
Best Local Similarity 97.0%; Pred. No. 2,1e-181;
Matches 387; Conservative 2; Mismatches 4; Indels 6; Gaps 2;

Qy 1 MAHKALVMCLGLPLFPFGAMAQGHVPPGCSQGLNPLYNMLCDRSGAMGIVLEAVAGAG 60
Db 1 MAHKALVMCLGLPLFPFGAMAQGHVPPGCSQGLNPLYNMLCDRSGAMGIVLEAVAGAG 60
Qy 61 IYTFVFLTIIVASLPPVODTKRSLGTQVFFLLGTGLGCLVACVVKDFSTCASRR 120
Db 61 IYTFVFLTIIVASLPPVODTKRSLGTQVFFLLGTGLGCLVACVVKDFSTCASRR 120
Qy 121 FLFGVLFAICFSCLAHVAFALNPLARKNHGRGVITFVALLLTVEYIINTEMLITTLV 180
Db 121 FLFGVLFAICFSCLAHVAFALNPLARKNHGRGVITFVALLLTVEYIINTEMLITTLV 180
Qy 181 RGSSEGGPQGNSSAGMAVASPCALANDEYVALIYMLLLGAFGLGAMPALCGRYKKRWK 240
Db 181 RGSSEGGPQGNSSAGMAVASPCALANDEYVALIYMLLLGAFGLGAMPALCGRYKKRWK 240
Qy 241 HGVEVLLTATSAIVWVIMYTYGKQKNSPTWDDPTLAIALAANMAFVLEVIPEV 300
Db 241 HGVEVLLTATSAIVWVIMYTYGKQKNSPTWDDPTLAIALAANMAFVLEVIPEV 300
Qy 301 SQVTKSSPEOSYQGDMPTRGVGYETILKEQKGSMEYENKAFSMDPEVAAKRPVSPYS 360
Db 301 SQVTKSSPEOSYQGDMPTRGVGYETILKEQKGSMEYENKAFSMDPEVAAKRPVSPYS 360
Qy 361 YNGQLTSVYOPTMALMHKVP-SEGAYDILLPRATANS 398
Db 361 YNGQLTSVYOPTMALMHKVPSE-----LTORGQANT 394

RESULT 10
US-09-871-874-10
Sequence 10, Application US/09871874
Patent No. US20020081655A1
GENERAL INFORMATION:
APPLICANT: SAVITZKY, Kinmeret
APPLICANT: TOPORIK, Amir
APPLICANT: MINTZ, Lat
TITLE OF INVENTION: Splice Variant of mglur
FILE REFERENCE: 2786-0176P
CURRENT APPLICATION NUMBER: US/09/871.874
CURRENT FILING DATE: 2001-09-04
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 10
; LENGTH: 446
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-871-874-10

Query Match 86.8%; Score 2019; DB 10; Length 446;
Best Local Similarity 97.0%; Pred. No. 2,4e-181;
Matches 387; Conservative 2; Mismatches 4; Indels 6; Gaps 2;

Qy 1 MAHKALVMCLGLPLFPFGAMAQGHVPPGCSQGLNPLYNMLCDRSGAMGIVLEAVAGAG 60
Db 46 MAHKALVMCLGLPLFPFGAMAQGHVPPGCSQGLNPLYNMLCDRSGAMGIVLEAVAGAG 105
Qy 61 IYTFVFLTIIVASLPPVODTKRSLGTQVFFLLGTGLGCLVACVVKDFSTCASRR 120
Db 106 IYTFVFLTIIVASLPPVODTKRSLGTQVFFLLGTGLGCLVACVVKDFSTCASRR 165
Qy 121 FLFGVLFAICFSCLAHVAFALNPLARKNHGRGVITFVALLLTVEYIINTEMLITTLV 180
Db 166 FLFGVLFAICFSCLAHVAFALNPLARKNHGRGVITFVALLLTVEYIINTEMLITTLV 225
Qy 181 RGSSEGGPQGNSSAGMAVASPCALANDEYVALIYMLLLGAFGLGAMPALCGRYKKRWK 240
Db 226 RGSSEGGPQGNSSAGMAVASPCALANDEYVALIYMLLLGAFGLGAMPALCGRYKKRWK 285
Qy 241 HGVEVLLTATSAIVWVIMYTYGKQKNSPTWDDPTLAIALAANMAFVLEVIPEV 300
Db 286 HGVEVLLTATSAIVWVIMYTYGKQKNSPTWDDPTLAIALAANMAFVLEVIPEV 345
Qy 301 SQVTKSSPEOSYQGDMPTRGVGYETILKEQKGSMEYENKAFSMDPEVAAKRPVSPYS 360
Db 346 SQVTKSSPEOSYQGDMPTRGVGYETILKEQKGSMEYENKAFSMDPEVAAKRPVSPYS 405
Qy 361 YNGQLTSVYOPTMALMHKVP-SEGAYDILLPRATANS 398
Db 406 YNGQLTSVYOPTMALMHKVPSE-----LTORGQANT 439

RESULT 11
US-09-871-874-20
Sequence 20, Application US/09871874
Patent No. US20020081655A1
GENERAL INFORMATION:
APPLICANT: SAVITZKY, Kinmeret
APPLICANT: TOPORIK, Amir
APPLICANT: MINTZ, Lat
TITLE OF INVENTION: Splice Variant of mglur
FILE REFERENCE: 2786-0176P
CURRENT APPLICATION NUMBER: US/09/871.874
CURRENT FILING DATE: 2001-09-04
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 20
LENGTH: 234
TYPE: PRT
ORGANISM: Homo sapiens
US-09-871-874-20

Query Match 43.8%; Score 1018; DB 10; Length 234;
Best Local Similarity 94.2%; Pred. No. 1,2e-87;
Matches 196; Conservative 0; Mismatches 0; Indels 12; Gaps 1;

Qy 1 MAHKALVMCLGLPLFPFGAMAQGHVPPGCSQGLNPLYNMLCDRSGAMGIVLEAVAGAG 60
Db 1 MAHKALVMCLGLPLFPFGAMAQGHVPPGCSQGLNPLYNMLCDRSGAMGIVLEAVAGAG 60
Qy 61 IYTFVFLTIIVASLPPVODTKRSLGTQVFFLLGTGLGCLVACVVKDFSTCASRR 120
Db 61 IYTFVFLTIIVASLPPVODTKRSLGTQVFFLLGTGLGCLVACVVKDFSTCASRR 120
Qy 121 FLFGVLFAICFSCLAHVAFALNPLARKNHGRGVITFVALLLTVEYIINTEMLITTLV 180
Db 121 FLFGVLFAICFSCLAHVAFALNPLARKNHGRGVITFVALLLTVEYIINTEMLITTLV 180

Db 121 ELFGVLAIFCEISCLAAHVFALNFALNRKNGRCGWITFVALLLTVEVINTEMLTITLV 180
QY 181 RSGSGGPGQNSSSA-----GM 196
181 RSGSGGPGQNSSSAPDEGPPSLPVEGWM 208

RESULT 12

US-10-097-340-121
Sequence 121, Application US/10097340
Publication No. US20030087250A1

GENERAL INFORMATION:
APPLICANT: JOHN MONAHAN
APPLICANT: Manjula GANNAVARAPU
APPLICANT: Sebastian HOERSCH
APPLICANT: Shubhangt KAMATKAR
APPLICANT: Steve G. KOVATS
APPLICANT: Rachel E. MEYERS
APPLICANT: Michael MORRISSEY
APPLICANT: Peter OLANDT
APPLICANT: Aml SEN
APPLICANT: Peter VEIBY
APPLICANT: Gordon B. MILLS
APPLICANT: Robert C. BAST, JR.
APPLICANT: Karen LU
APPLICANT: Rosemarie SCHMANDT
APPLICANT: Xumel ZHAO
APPLICANT: Karen GLATT
TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
Title Of Invention: Assessment, Prevention, and Therapy Of Ovarian Cancer
FILE REFERENCE: MRI-030
CURRENT APPLICATION NUMBER: US/10/097,340
PRIOR FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: 60/276,025
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/325,149
PRIOR FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/276,026
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/324,967
PRIOR FILING DATE: 2001/09/26
PRIOR APPLICATION NUMBER: 60/311,732
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/325,102
PRIOR FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/323,580
PRIOR FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 363
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 121
LENGTH: 403
TYPE: PRT
ORGANISM: Homo sapiens
US-10-097-340-121

Query Match 31.5%; Score 733; DB 9; Length 403;
Best Local Similarity 39.4%; Pred. No. 1.5e-60;
Matches 164; Conservative 60; Mismatches 114; Indels 78; Gaps 9;

QY 1 MAHKALVWCIGLPLFPFG-AMAGHVPKSGGQGNPLYYNLCDSGAMGYLEAVAGA 59
Db 9 MRAHQVLTFL--LFVITSVASENASTSRGCGDLDPQYVSLCDLDAIWGIVEAVAGA 65
QY 60 GIATTFVLTITLIVASIPVQDTKRSLGTOVFFLLGTGLFCLVACVYKPDFSTCASR 119
Db 66 GALITLLMLILVLRPIFKERKSPVGLHFLFLLGTGLFCLVAFIIQDEFTCSVR 125
QY 120 RELFGVLAIFCSCLAAHVFALNFALNRKNGRCGWITFVALLLTVEVINTEMLTITLV 179
Db 126 RELFGVLAIFCSCLAAHVFALNFALNRKNGRCGWITFVALLLTVEVINTEMLTITLV 185
QY 180 VSGSGGPGQNSAGMAVAPCAIANDPFWALLIYVLLLGAFGAPALCGKRRMR 239

Db 186 LRDT-----RPACAYEPMDVFNALIVDNLVLTGLALETICGKRRMR 230
QY 240 KHGVEVLTATSVATVAVIWMYTYGN-KQHSPTWDDPTLALANANAFVLEVP 298
Db 231 LNCAGFLITAFSLVLIWAMTMYLEGNVKLOOGDAMDPTLAILTAAAGWVFVTHAIP 290
QY 299 EV-----SQVTKSSP---EQSYQDMPTRGVGYETILKEQKQSGMVEYENKA 342
Db 291 EIHCTLLPALQENTPVYFDTSQPRMRETAFEEDVQLPRA-----YENKA 335
QY 343 FSNDEPVAA-----KRPSPISGNGQLTSVYOPTENALM 378
Db 336 FSNDEHNALRTAGFPNGSLGKRPSGLKRRSPAPR-----SNVYOPTENAVY 384

RESULT 13

US-09-826-508-30
Sequence 30, Application US/09826508
Patent No. US20010025099A1

GENERAL INFORMATION:
APPLICANT: Nabil Elshourbagy
APPLICANT: Lisa Vawter
TITLE OF INVENTION: G Protein-Coupled Receptor Polypeptides
FILE REFERENCE: GP-70744USB
CURRENT APPLICATION NUMBER: US/09/826,508
CURRENT FILING DATE: 2001-04-05
NUMBER OF SEQ ID NOS: 40
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 30
LENGTH: 403
TYPE: PRT
ORGANISM: HOMO SAPIENS
US-09-826-508-30

Query Match 31.5%; Score 733; DB 10; Length 403;
Best Local Similarity 39.4%; Pred. No. 1.5e-60;
Matches 164; Conservative 60; Mismatches 114; Indels 78; Gaps 9;

QY 1 MAHKALVWCIGLPLFPFG-AMAGHVPKSGGQGNPLYYNLCDSGAMGYLEAVAGA 59
Db 9 MRAHQVLTFL--LFVITSVASENASTSRGCGDLDPQYVSLCDLDAIWGIVEAVAGA 65
QY 60 GIATTFVLTITLIVASIPVQDTKRSLGTOVFFLLGTGLFCLVACVYKPDFSTCASR 119
Db 66 GALITLLMLILVLRPIFKERKSPVGLHFLFLLGTGLFCLVAFIIQDEFTCSVR 125
QY 120 RELFGVLAIFCSCLAAHVFALNFALNRKNGRCGWITFVALLLTVEVINTEMLTITLV 179
Db 126 RELFGVLAIFCSCLAAHVFALNFALNRKNGRCGWITFVALLLTVEVINTEMLTITLV 185
QY 180 VSGSGGPGQNSAGMAVAPCAIANDPFWALLIYVLLLGAFGAPALCGKRRMR 239
Db 186 LRDT-----RPACAYEPMDVFNALIVDNLVLTGLALETICGKRRMR 230
QY 240 KHGVEVLTATSVATVAVIWMYTYGN-KQHSPTWDDPTLALANANAFVLEVP 298
Db 231 LNCAGFLITAFSLVLIWAMTMYLEGNVKLOOGDAMDPTLAILTAAAGWVFVTHAIP 290
QY 299 EV-----SQVTKSSP---EQSYQDMPTRGVGYETILKEQKQSGMVEYENKA 342
Db 291 EIHCTLLPALQENTPVYFDTSQPRMRETAFEEDVQLPRA-----YENKA 335
QY 343 FSNDEPVAA-----KRPVSPSYGNGQLTSVYOPTENALM 378
Db 336 FSNDEHNALRTAGFPNGSLGKRPSGLKRRSPAPR-----SNVYOPTENAVY 384

RESULT 14
US-09-895-686-5
Sequence 5, Application US/09895686
Patent No. US20020106655A1
GENERAL INFORMATION:

APPLICANT: Bandman, Olga
APPLICANT: Lal, Preeti
APPLICANT: Tang, Y. Tom
APPLICANT: Baughn, Mariah R.
TITLE OF INVENTION: HUMAN GPCR PROTEINS
FILE REFERENCE: PC-0044 CIP
CURRENT APPLICATION NUMBER: US/09/895,686
CURRENT FILING DATE: 2001-06-28
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PERL Program
SEQ ID NO 5
LENGTH: 403
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc-feature
OTHER INFORMATION: Incyte ID No. US20020106655A1 2705201CD1
US-09-895-686-5

Query Match 31.5%; Score 733; DB 10; Length 403;

Best Local Similarity 39.4%; Pred. No. 1.5e-60;

Matches 164; Conservative 60; Mismatches 114; Indels 78; Gaps 9;

QY 1 MAIKALVMCLGLPFLFPG-AMAQGHVPPCCSOGLNPLYYNLCDRSGAMGIVLEAVAGA 59
DB 9 MRAHQVLEFL--LEVITSVASENASTSRGCGDLLPQYVSLCDLDAIMGIVEAVAGA 65
QY 60 GIYTFVLTITLIVASLPVODTKRSLGTQVFFLTGLGFCIVFACVAPDPSTCASR 119
DB 66 GALTITLMLTLVLRPIKEKEKSPVGLHFLFLGLTFGLTFATIIODEETICSVR 125
QY 120 RFLGVLEAIFCSCLAHVFALNFLARKNHGRGVITFVALLLTLVEVIINTEMLITL 179
DB 126 RFLMGVLEALCFSCILSQAMRVRLYRHGTGPAGQVLGALCLMLVYITIAVELVLTIV 185
QY 180 VRSGEGGPGQNSSAGNAVASPCAIANDFYMALIYVLLLGAFGLAMPALCGRYKRW 239
DB 186 LRDT-----RPACAYEPMDFYMALIYDVLLVTLGLALFTLCGRKRW 230
QY 240 KHGFVLTITATSAIWMVWVIVMTYGN-KQNSPTMDPTLATATAANAAFYLFYIP 298
DB 231 LNGAFLLITAFLSVLIWAMMTWYLFGNVQLQOGDAMDPTLATITLAASGVYFVFAIP 290
QY 299 EV-----SQYTKSSP---EOSYOGDMYPTRGVGYETILKEQKQSMFVENKA 342
DB 291 EIHCTLLPALQENTPNYDTSQPRMRETAFEEDVQLPRA-----YMKKA 335
QY 343 FSMDEPVAA-----KRPVSPYSGYNGQLLTSYVQPTMALM 378
DB 336 FSMDEHNAALRTAGFPNGSLGKRPSGLGKRPSAPFR-----SNVYQPTEMAVV 384

RESULT 15
US-09-826-508-32

; Sequence 32, Application US/09826508
; Patent No. US20010025099A1

; GENERAL INFORMATION:

; APPLICANT: Nabil Elshourbagy

; APPLICANT: Lisa Vawter

; TITLE OF INVENTION: G Protein-Coupled Receptor Polypeptides

; FILE REFERENCE: GP-7074USB

; CURRENT APPLICATION NUMBER: US/09/826,508

; CURRENT FILING DATE: 2001-04-05

; NUMBER OF SEQ ID NOS: 40

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 32

; LENGTH: 427

; TYPE: PRT

; ORGANISM: HOMO SAPIENS

US-09-826-508-32

Query Match 31.5%; Score 733; DB 10; Length 427;

Best Local Similarity 39.4%; Pred. No. 1.6e-60;
Matches 164; Conservative 60; Mismatches 114; Indels 78; Gaps 9;

QY 1 MAIKALVMCLGLPFLFPG-AMAQGHVPPCCSOGLNPLYYNLCDRSGAMGIVLEAVAGA 59
DB 33 MRAHQVLEFL--LEVITSVASENASTSRGCGDLLPQYVSLCDLDAIMGIVEAVAGA 89
QY 60 GIYTFVLTITLIVASLPVODTKRSLGTQVFFLTGLGFCIVFACVAPDPSTCASR 119
DB 90 GALTITLMLTLVLRPIKEKEKSPVGLHFLFLGLTFGLTFATIIODEETICSVR 149
QY 120 RFLGVLEAIFCSCLAHVFALNFLARKNHGRGVITFVALLLTLVEVIINTEMLITL 179
DB 150 RFLMGVLEALCFSCILSQAMRVRLYRHGTGPAGQVLGALCLMLVYITIAVELVLTIV 209
QY 180 VRSGEGGPGQNSSAGNAVASPCAIANDFYMALIYVLLLGAFGLAMPALCGRYKRW 239
DB 210 LRDT-----RPACAYEPMDFYMALIYDVLLVTLGLALFTLCGRKRW 254
QY 240 KHGFVLTITATSAIWMVWVIVMTYGN-KQNSPTMDPTLATATAANAAFYLFYIP 298
DB 255 LNGAFLLITAFLSVLIWAMMTWYLFGNVQLQOGDAMDPTLATITLAASGVYFVFAIP 314
QY 299 EV-----SQYTKSSP---EOSYOGDMYPTRGVGYETILKEQKQSMFVENKA 342
DB 315 EIHCTLLPALQENTPNYDTSQPRMRETAFEEDVQLPRA-----YMKKA 359
QY 343 FSMDEPVAA-----KRPVSPYSGYNGQLLTSYVQPTMALM 378
DB 360 FSMDEHNAALRTAGFPNGSLGKRPSGLGKRPSAPFR-----SNVYQPTEMAVV 408

Search completed: June 21, 2003, 01:47:09
Job time : 69 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 21, 2003, 01:51:59 ; Search time 112 Seconds
(without alignments)
4980.755 Million cell updates/sec

Title: US-09-895-686-7

Perfect score: 1819
Sequence: 1 cgcctcgagccctaccagc.....cttattacttaaaaa 1819

Scoring table: OLIGO_NTC
Gapop 60.0 , Gapext 60.0

Searched: 441362 seqs, 153338381 residues

Word size : 0

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database :

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	20	1.1	2484	4	US-09-276-531-46
2	19	1.0	717	4	US-08-913-014A-10
3	18	1.0	100	1	US-08-330-163-31
4	18	1.0	100	1	US-08-482-111-31
5	18	1.0	204	1	US-08-330-163-34
6	18	1.0	207	1	US-08-482-111-34
7	18	1.0	310	1	US-08-482-111-29
8	18	1.0	313	1	US-08-482-111-57
9	18	1.0	439	1	US-09-275-384B-1
10	18	1.0	439	4	US-09-449-437A-7
11	18	1.0	545	4	US-08-446-935-5
12	18	1.0	591	2	US-09-156-979-1
13	18	1.0	591	4	US-09-387-341-68
14	18	1.0	645	3	US-09-188-930-273
15	18	1.0	704	2	US-08-465-095-15
16	18	1.0	1335	3	US-09-188-930-76
17	18	1.0	1335	3	US-09-188-930-261
18	18	1.0	1468	6	5187075-4
19	18	1.0	2395	4	US-08-446-935-7
20	18	1.0	5356	4	US-08-446-935-1
21	18	1.0	8355	4	US-08-406-030A-23
22	18	1.0	35081	2	US-08-752-760A-1
23	18	1.0	49272	2	US-08-614-770A-1
24	18	1.0	70000	4	US-09-851-896-3
25	18	1.0	37	1	US-08-464-531-71
26	17	0.9	37	1	US-08-461-598-71
27	17	0.9	37	2	US-08-461-598-71

28	17	0.9	37	3	US-08-322-137-71	Sequence 71, App1
29	17	0.9	37	3	US-08-936-632B-27	Sequence 27, App1
30	17	0.9	37	4	US-08-582-333A-79	Sequence 79, App1
31	17	0.9	255	2	US-08-673-190A-8	Sequence 8, App1
32	17	0.9	300	4	US-09-135-994-3	Sequence 3, App1
33	17	0.9	386	1	US-08-620-467A-9	Sequence 9, App1
34	17	0.9	386	1	US-08-348-572-9	Sequence 9, App1
35	17	0.9	386	3	US-09-041-090B-9	Sequence 9, App1
36	17	0.9	526	3	US-08-777-708C-4	Sequence 4, App1
37	17	0.9	594	4	US-09-615-192A-105	Sequence 105, App
38	17	0.9	607	2	US-08-975-316-23	Sequence 23, App1
39	17	0.9	607	4	US-09-615-192A-23	Sequence 23, App1
40	17	0.9	1516	3	US-08-307-896-2	Sequence 2, App1
41	17	0.9	1516	3	US-09-344-914-1	Sequence 2, App1
42	17	0.9	1558	5	PCT-US95-11808-2	Sequence 2, App1
43	17	0.9	1632	2	US-08-892-715-1	Sequence 1, App1
44	17	0.9	1632	2	US-09-145-947-1	Sequence 1, App1
45	17	0.9	1632	4	US-09-265-642-1	Sequence 1, App1

ALIGNMENTS

RESULT 1
US-09-276-531-46
Sequence 46, Application US/09276531
Patent No. 6183968
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Lal, Preeti
APPLICANT: Hillman, Jennifer L.
APPLICANT: Yue, Henry
APPLICANT: Reddy, Roopa
APPLICANT: Guebler, Karl J.
APPLICANT: Baughn, Mariah R.
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF GENES ENCODING
NUMBER OF SEQUENCES: 134
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/276,531
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/079,677
FILING DATE: March 27, 1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Lynn E. Murty, Ph.D.
REGISTRATION NUMBER: 42,918
REFERENCE/DOCKET NUMBER: PA-0008 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 2484 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: SYNORAT05

CLONE: 1262948
US-09-276-531-46

Query Match 1.1%; Score 20; DB 4; Length 2484;
Best Local Similarity 100.0%; Pred. No. 5;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 364 CTGGGACCCCTGGCCTCTT 383
|||||
DB 38 CTGGGACCCCTGGCCTCTT 57

RESULT 2
US-08-913-014A-10
; Sequence 10, Application US/08913014A
; Patent No. 6235878
; GENERAL INFORMATION:
; APPLICANT: NISHI, Kazunori
; APPLICANT: HIKICHI, Yukiko
; APPLICANT: SHINTANI, Yasushi
; TITLE OF INVENTION: NOVEL FAS LIGAND-LIKE PROTEIN, ITS
; TITLE OF INVENTION: PRODUCTION AND USE
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David G. Conlin, Esq.
; ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & USHMAN, LLP
; STREET: 130 Water Street
; CITY: Boston,
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/913,014A
; FILING DATE: 04-SEP-1997
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP97/02480
; FILING DATE: July 17, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: David G. Conlin
; REGISTRATION NUMBER: 27,026
; REFERENCE/DOCKET NUMBER: 342/47694
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-523-3400
; TELEFAX: 617-523-6440
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 717
; TYPE: Nucleic acid
; STRANDEDNESS: Double
; TOPOLOGY: Linear
; MOLECULE TYPE: CDNA
US-08-913-014A-10

Query Match 1.0%; Score 19; DB 4; Length 717;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 731 TGCTGCTGCTGGGTGC 749
|||||
DB 122 TGCTGCTGCTGGGTGC 140

RESULT 3
US-08-330-163-31
; Sequence 31, Application US/08330163
; Patent No. 5656724

GENERAL INFORMATION:
; APPLICANT: Daly, Thomas J.
; APPLICANT: LAROSA, Gregory J.
; TITLE OF INVENTION: Chemokine-Like Proteins and Methods of
; TITLE OF INVENTION: Use
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA

COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/330,163
FILING DATE: 05-AUG-1994
CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:
NAME: Fasse, J. Peter
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 00231/080001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 100 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-330-163-31

Query Match 1.0%; Score 18; DB 1; Length 100;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 101 TGCTGATGTGCTGGGAC 118
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DB 57 TGCTGATGTGCTGGGAC 74

RESULT 4
US-08-482-111-31
; Sequence 31, Application US/08482111
; Patent No. 5789539
; GENERAL INFORMATION:
; APPLICANT: Daly, Thomas J.
; APPLICANT: LAROSA, Gregory J.
; TITLE OF INVENTION: Chemokine-Like Proteins and Methods of
; TITLE OF INVENTION: Use
; NUMBER OF SEQUENCES: 70
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA

COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,111
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514

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;      COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk

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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,111
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Fasse, J. Peter
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 00231/083001
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 310 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-482-111-29

Query Match 1.0%; Score 18; DB 1; Length 310;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 101 TGGTGATGTCCTGGGAC 118
|||||
DB 176 TGGTGATGTCCTGGGAC 159

RESULT 8
US-08-482-111-57/c
Sequence 57, Application US/08482111
Patent No. 5789539
GENERAL INFORMATION:
APPLICANT: Daly, Thomas J.
APPLICANT: Larosa, Gregory J.
TITLE OF INVENTION: Chemokine-Like Proteins and Methods of
TITLE OF INVENTION: Use
NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,111
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Fasse, J. Peter
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 00231/083001
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 313 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-482-111-57

Query Match 1.0%; Score 18; DB 1; Length 313;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 101 TGGTGATGTCCTGGGAC 118
|||||
DB 176 TGGTGATGTCCTGGGAC 159

RESULT 9
US-08-330-163-29/c
Sequence 29, Application US/08330163
Patent No. 5656724
GENERAL INFORMATION:
APPLICANT: Daly, Thomas J.
APPLICANT: Larosa, Gregory J.
TITLE OF INVENTION: Chemokine-Like Proteins and Methods of
TITLE OF INVENTION: Use
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/330,163
FILING DATE: 05-AUG-1994
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Fasse, J. Peter
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 00231/080001
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 439 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-330-163-29

Query Match 1.0%; Score 18; DB 1; Length 439;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 101 TGGTGATGTCCTGGGAC 118
|||||
DB 176 TGGTGATGTCCTGGGAC 159

RESULT 10
US-09-275-384B-1/c
Sequence 1, Application US/09275384B
Patent No. 6232084
GENERAL INFORMATION:
APPLICANT: MACPHEE, COLIN HOUSTON
APPLICANT: MOORES, KITTY
TITLE OF INVENTION: NEW USE
FILE REFERENCE: GH-31106
CURRENT APPLICATION NUMBER: US/09/275,384B
CURRENT FILING DATE: 1999-03-24
PRIOR APPLICATION NUMBER: 9806677.2

PRIOR FILING DATE: 1998-03-27
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSeq for Windows version 3.0
SEQ ID NO 1
LENGTH: 439
TYPE: DNA
ORGANISM: HOMO SAPIENS
US-09-275-384B-1

Query Match 1.0%; Score 18; DB 4; Length 439;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 101 TGCTGATGTCCTGGGAC 118
Db 176 TGCTGATGTCCTGGGAC 159

RESULT 11
US-09-449-437A-7/C
Sequence 7, Application US/09449437A
Patent No. 6319675
GENERAL INFORMATION:
APPLICANT: Briskin, Michael J.
APPLICANT: Murphy, Kristine E.
APPLICANT: Wilbanks, Alyson M.
APPLICANT: Wu, Lijun
TITLE OF INVENTION: No. 6319675el Antibodies and ligands for "Bonzo"
TITLE OF INVENTION: Chemokine Receptor
FILE REFERENCE: 1855.1070-000
CURRENT APPLICATION NUMBER: US/09/449,437A
CURRENT FILING DATE: 2001-01-09
NUMBER OF SEQ ID NOS: 18
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 7
LENGTH: 439
TYPE: DNA
ORGANISM: Homo sapiens
US-09-449-437A-7

Query Match 1.0%; Score 18; DB 4; Length 439;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 101 TGCTGATGTCCTGGGAC 118
Db 176 TGCTGATGTCCTGGGAC 159

RESULT 12
US-08-446-935-5
Sequence 5, Application US/08446935
Patent No. 6187991
GENERAL INFORMATION:
APPLICANT: Soeller, Walter C.
APPLICANT: Carley, Maynard D.
APPLICANT: Kreutter, David K.
TITLE OF INVENTION: TRANSGENIC ANIMAL MODELS FOR TYPE II
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc.
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/446,935
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8153
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 545 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-446-935-5

Query Match 1.0%; Score 18; DB 4; Length 545;
Best Local Similarity 100.0%; Pred. No. 44;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1096 GAGACACAGCCTTTCC 1113
Db 421 GAGACACAGCCTTTCC 438

RESULT 13
US-09-156-979-1
Sequence 1, Application US/09156979
Patent No. 5962672
GENERAL INFORMATION:
APPLICANT: Cowsett, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF RHO EXPRESSION
FILE REFERENCE: RTS-0013
CURRENT APPLICATION NUMBER: US/09/156,979
CURRENT FILING DATE: 1998-09-18
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 1
LENGTH: 591
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)..(591)
US-09-156-979-1

Query Match 1.0%; Score 18; DB 2; Length 591;
Best Local Similarity 100.0%; Pred. No. 44;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 284 CCATCATCCTGTGGCCA 301
Db 332 CCATCATCCTGTGGCCA 349

RESULT 14
US-09-387-341-68
Sequence 68, Application US/09387341
Patent No. 6410323
GENERAL INFORMATION:
APPLICANT: Roberts, M. Luisa
APPLICANT: Cowsett, Lex M.
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
FILE REFERENCE: ISPH-0404
CURRENT APPLICATION NUMBER: US/09/387,341
CURRENT FILING DATE: 1999-08-31
EARLIER APPLICATION NUMBER: 09/156,424
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,979

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; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,807
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/161,015
; EARLIER FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 68
; LENGTH: 591
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic
US-09-387-341-68

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Query Match          1.0%; Score 18; DB 4; Length 591;
Best Local Similarity 100.0%; Pred. No. 44;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      284 CCATCATCCTGTGTGCCA 301
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Db      332 CCATCATCCTGTGTGCCA 349

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RESULT 15
US-09-188-930-273
; Sequence 273, Application US/09188930A
; Patent No. 6150502
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murlison, James Greg
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; TITLE OF INVENTION: and Methods For Their Use
; FILE REFERENCE: 11000.1011c1
; CURRENT APPLICATION NUMBER: US/09/188,930A
; CURRENT FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 348
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 273
; LENGTH: 645
; TYPE: DNA
; ORGANISM: Mouse
US-09-188-930-273

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Query Match          1.0%; Score 18; DB 3; Length 645;
Best Local Similarity 100.0%; Pred. No. 44;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1536 CCTCCCTCTGTGCAGTG 1553
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Db      68 CCTCCCTCTGTGCAGTG 85

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Search completed: June 21, 2003, 02:51:26
 Job time : 113 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2003 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 21, 2003, 02:10:21 ; Search time 267 Seconds
(without alignments)
9997.191 Million cell updates/sec

Title: US-09-895-686-7
Perfect score: 1819
Sequence: 1 cggctcagagccctaccagc.....cttattactcttaaaaa 1819

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 1042519 seqs, 733713590 residues

Word size : 0

Total number of hits satisfying chosen parameters: 2085038

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database :

Published_Applications_NA:*
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2: /cgn2_6/ptodata/2/pubpna/PC7_NEW_PUB.seq:*
3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1819	100.0	1819	10 US-09-895-686-7	Sequence 7, Appl
2	1782	98.0	1880	10 US-10-037-270-897	Sequence 897, App
3	1707	93.8	2314	10 US-09-871-874-4	Sequence 4, Appl
4	1564	86.0	1860	9 US-10-087-065-22	Sequence 12, Appl
5	1439	79.1	2089	10 US-09-812-102-19	Sequence 19, Appl
6	1370	75.3	1955	10 US-09-871-874-3	Sequence 3, Appl
7	1304	71.7	1532	10 US-09-871-874-7	Sequence 7, Appl
8	1279	70.3	2041	10 US-09-871-874-1	Sequence 1, Appl
9	1218	67.0	1805	10 US-09-871-874-2	Sequence 2, Appl
10	679	37.3	1034	9 US-10-087-065-123	Sequence 123, App
11	601	33.0	815	10 US-09-871-874-8	Sequence 8, Appl
12	518	28.5	1370	10 US-09-871-874-5	Sequence 5, Appl
13	512	28.1	1070	10 US-09-871-874-6	Sequence 6, Appl
14	469	25.8	516	10 US-09-895-686-14	Sequence 14, Appl
15	268	14.7	268	10 US-09-895-686-15	Sequence 15, Appl
16	259	14.2	466	9 US-09-918-995-35150	Sequence 1510, A
17	254	14.0	631	10 US-09-895-686-19	Sequence 19, Appl
18	251	13.8	302	9 US-10-102-524-1512	Sequence 1512, Ap
19	247	13.6	508	9 US-09-918-995-17363	Sequence 17363, A

C	20	246	13.5	246	10	US-09-895-686-16	Sequence 16, Appl
C	21	164	9.0	300	10	US-09-895-686-17	Sequence 17, Appl
C	22	151	8.3	333	10	US-09-964-824A-411	Sequence 411, Appl
	23	119	6.5	410	9	US-09-918-995-2323	Sequence 2323, Ap
	24	79	4.3	458	10	US-09-812-102-18	Sequence 18, Appl
	25	78	4.3	232	10	US-09-895-686-13	Sequence 13, Appl
	26	56	3.1	615	10	US-09-895-686-53	Sequence 53, Appl
	27	44	2.4	467	10	US-09-895-686-18	Sequence 18, Appl
	28	30	1.6	686	10	US-09-895-686-54	Sequence 54, Appl
	29	28	1.5	160	10	US-09-783-590-6681	Sequence 6681, Ap
C	30	21	1.2	727	10	US-09-895-686-63	Sequence 63, Appl
	31	21	1.2	1320	9	US-09-738-626-2506	Sequence 2506, Ap
C	32	21	1.2	3309400	9	US-09-738-626-1	Sequence 1, Appl
C	33	20	1.1	421	9	US-10-040-739-123	Sequence 123, Appl
C	34	20	1.1	473	10	US-09-864-761-6247	Sequence 6247, Appl
	35	20	1.1	499	10	US-09-895-686-67	Sequence 67, Appl
	36	20	1.1	561	10	US-09-895-686-66	Sequence 66, Appl
	37	20	1.1	948	9	US-09-804-291-194	Sequence 194, Appl
	38	20	1.1	948	10	US-09-886-055-194	Sequence 29, Appl
	39	20	1.1	1212	10	US-09-826-508-29	Sequence 11, Appl
	40	20	1.1	1515	10	US-09-895-686-11	Sequence 120, Appl
	41	20	1.1	2870	9	US-10-097-340-120	Sequence 31, Appl
	42	20	1.1	3852	10	US-09-826-508-31	Sequence 325, Appl
	43	19	1.0	425	9	US-10-178-213-325	Sequence 81, Appl
	44	19	1.0	477	10	US-09-812-102-81	Sequence 264, Appl
C	45	19	1.0	577	9	US-10-125-540-264	

ALIGNMENTS

RESULT 1
US-09-895-686-7
Sequence 7, Application US/09895686
Patent No. US20020106655A1
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Ial, Preeti
APPLICANT: Tang, Y. Tom
APPLICANT: Baughn, Mariah R.
TITLE OF INVENTION: HUMAN GPCR PROTEINS
FILE REFERENCE: PC-0044 CIP
CURRENT APPLICATION NUMBER: US/09/895, 686
CURRENT FILING DATE: 2001-06-28
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PERL Program
SEQ ID NO 7
LENGTH: 1819
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. US20020106655A1 1258981CB1
US-09-895-686-7

Query Match 100.0%; Score 1819; DB 10; Length 1819;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1819; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 CGGCTGAGCCCTGACCGCCGGAATAGAGTGGCTGAGCTGAGGAGACCAACA 60
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QY 121 CTTCTCTCTCTGTTCCAGAGGCTGAGGCCCAAGGCTATGTCACCCGGCTGAGGCAA 180
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Db 121 CTTCTCTCTCTGTTCCAGAGGCTGAGGCCCAAGGCTATGTCACCCGGCTGAGGCAA 180
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Db 301 AGCTTCCCTTTGTGAGAGACACAAAGAGAGCTGTGGGACCCAGGTATTCTTC 360
QY 361 CTTTGGGGAGCCCTGGGCGCTTTCCTCCCGTGTGGTGGTGGTGAAGCCGCTTC 420
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QY 421 TCCACCTGTGCTCTGGGCGCTTCTTGGGGTCTGTGGCCATCTCTCTCTGT 480
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RESULT 2
US-10-037-270-897
Sequence 897, Application US/10037270
Publication No. US20030104529A1
GENERAL INFORMATION:
APPLICANT: Tang, Y. Tom
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhang, Jie
APPLICANT: Ren, Feiyan
APPLICANT: Chen, Rui-hong
APPLICANT: Zhao, Qing A.
APPLICANT: Wehrman, Tom
APPLICANT: Xue, Aidong J.
APPLICANT: Yang, Yonghong
APPLICANT: Wang, Jian-Rui
APPLICANT: Zhou, Yungling
APPLICANT: Ma, Yungling
APPLICANT: Wang, Dairui
APPLICANT: Wang, Zhilwei
APPLICANT: Tillinphast, John
APPLICANT: Drmanac, Radote T.
TITLE OF INVENTION: No. US20030104529A1el Nucleic Acids and
FILE OF INVENTION: Polypeptides
FILE REFERENCE: 784CIP2B
CURRENT APPLICATION NUMBER: US/10/037, 270
CURRENT FILING DATE: 2002-01-04
PRIOR APPLICATION NUMBER: 09/552, 317
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488, 725
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1104
SOFTWARE: pl_FL_genes Version 1.0
SEQ ID NO 897
LENGTH: 1880

TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (138)..(1463)
US-10-037-270-897

Query Match 98.0%; Score 1782; DB 9; Length 1880;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1782; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 207 GTGTGACCGCTCTGGGGCGTGGGGCATGCTCTGAGGGCGGTGGCTGGGGCGGCAATTGT 266
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QY 443 CCTGTGTGTGCTGTGTGTGAAGCCGACCTTCTCACCTGTGCTCTGCGGGCTCTTCTG 502
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QY 623 GCTGACCTGTGTAGAGGTATCATCAATACAGAGTGTGATCATCAACCTGTGTTGGGG 682
DB CAGTGGCGAGGGGGGCTCAGGGGCAACAGAGGAGTGGGGGCTGGGCTCCCTCCCTG 686
QY 627 CAGTGGCGAGGGGGGCTCAGGGGCAACAGAGGAGTGGGGGCTGGGCTCCCTCCCTG 742
DB CAGTGGCGAGGGGGGCTCAGGGGCAACAGAGGAGTGGGGGCTGGGCTCCCTCCCTG 742
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QY 863 GGTCTTGTGCTCCTACACAGCCACCTCCGTTGCAATATGGGTGTGGATGCTCAT 922
DB GGTCTTGTGCTCCTACACAGCCACCTCCGTTGCAATATGGGTGTGGATGCTCAT 926
QY 867 GTATCTTACGCGCAACAGCAGCAGCAAGTCTCCACTGTGGAGAGACCCAGCTGGCAT 926
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QY 923 GTATCTTACGCGCAACAGCAGCAGCAAGTCTCCACTGTGGAGAGACCCAGCTGGCAT 982
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CGGCTGTGGCGCCAAATGCTGGGCTTGTCTCTTCTACGTATCCCGAGGTCTCCCA 986

DB 983 CGGCTGTGGCGCCAAATGCTGGGCTTGTCTCTTCTACGTATCCCGAGGTCTCCCA 1042
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DB GGTGACCAAGTCCAGGCCAGAGCAAGCTTACCGGGGGGCAATGTACCCAGCGGGGCT 1102
QY 1047 GGTGACCAAGTCCAGGCCAGAGCAAGCTTACCGGGGGGCAATGTACCCAGCGGGGCT 1106
DB GGTGACCAAGTCCAGGCCAGAGCAAGCTTACCGGGGGGCAATGTACCCAGCGGGGCT 1162
QY 1107 CTTTTCATGATGAGCCGGTGTGACCTAAGAGCGCGGTGTCCATACAGCGGGTCAA 1166
DB CTTTTCATGATGAGCCGGTGTGACCTAAGAGCGCGGTGTCCATACAGCGGGTCAA 1222
QY 1163 CTTTTCATGATGAGCCGGTGTGACCTAAGAGCGCGGTGTCCATACAGCGGGTCAA 1222
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QY 1223 TGGGCAAGTGTGACAGTGTGACAGCCCATGAGATGGCCCTGATGACAAAGTTC 1282
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QY 1227 GTCCGAAGAGCTTACGACATCATCTCCACAGGGGCAAGCCAGCAGGTGATGGG 1286
DB GTCCGAAGAGCTTACGACATCATCTCCACAGGGGCAAGCCAGCAGGTGATGGG 1342
QY 1283 GTCCGAAGAGCTTACGACATCATCTCCACAGGGGCAAGCCAGCAGGTGATGGG 1342
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QY 1343 CAGTGTCCAACTGACCTCGGGCTGAGACATGTACTGGGCCCAAGAGCCAGCGGCG 1402
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QY 1407 AGTCACAGGCTGAGAGAGAGAGGCGGTGATTTGGGAGAGGCTCAGACCTGAGCGCG 1466
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QY 1527 GTGGAAGGCTCTCTCTCTGCAAGTGTGGGTGTGATGAGGTGTCCACCACT 1586
DB GTGGAAGGCTCTCTCTCTGCAAGTGTGGGTGTGATGAGGTGTCCACCACT 1642
QY 1583 GTGGAAGGCTCTCTCTCTGCAAGTGTGGGTGTGATGAGGTGTCCACCACT 1642
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QY 1647 TCACTTCCAGCCAAATGATGTTCTGCGGGGTGTGCTGGGCAAGCGCTATGTTCTG 1706
DB TCACTTCCAGCCAAATGATGTTCTGCGGGGTGTGCTGGGCAAGCGCTATGTTCTG 1762
QY 1703 TCACTTCCAGCCAAATGATGTTCTGCGGGGTGTGCTGGGCAAGCGCTATGTTCTG 1762
DB GAGATTCGCAACGCTCAAGAGACTTCCAGGGGCTCAGAGGCTGATGCTGCTCTGT 1766
QY 1707 GAGATTCGCAACGCTCAAGAGACTTCCAGGGGCTCAGAGGCTGATGCTGCTCTGT 1766
DB GAGATTCGCAACGCTCAAGAGACTTCCAGGGGCTCAGAGGCTGATGCTGCTCTGT 1822
QY 1763 GAGATTCGCAACGCTCAAGAGACTTCCAGGGGCTCAGAGGCTGATGCTGCTCTGT 1822
DB GAGATTCGCAACGCTCAAGAGACTTCCAGGGGCTCAGAGGCTGATGCTGCTCTGT 1822
QY 1767 GAGGAACAAGGGTGCCTAATTAATACATTTCTCTTATTA 1808
DB GAGGAACAAGGGTGCCTAATTAATACATTTCTCTTATTA 1864
GAGGAACAAGGGTGCCTAATTAATACATTTCTCTTATTA 1864

RESULT 3
US-09-871-874-4
Sequence 4, Application US/09871874
Patent No. US2002081655A1
GENERAL INFORMATION:
APPLICANT: SAVITZKY, Kimberet
APPLICANT: TOPORIK, Amir
APPLICANT: MINTZ, Ilat
TITLE OF INVENTION: Splice Variant of mgiur
FILE REFERENCE: 2786-0176P
CURRENT APPLICATION NUMBER: US/09/871, 874
CURRENT FILING DATE: 2001-09-04
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 4
LENGTH: 2314
TYPE: DNA
ORGANISM: Homo sapiens
US-09-871-874-4

Query Match 93.8%; Score 1707; DB 10; Length 2314;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 1757; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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554 GACCCACCAAGAGGCTGGGCTGGGAGCCAGATGGCCATCCCAAGGCTTGATATG 613
111 CCGGAGGAGGCTGCTCTTCTCTGTTCCAGAGGCTGGGCTGGGCTGGGCTGGG 170
614 CCGGAGGAGGCTGCTCTTCTCTGTTCCAGAGGCTGGGCTGGGCTGGGCTGGG 673
171 CTGACAGCAAGGCTGCAACCCCTGTACTACAACTGTGTACCGCTGTGGGCTGGG 230
674 CTGACAGCAAGGCTGCAACCCCTGTACTACAACTGTGTACCGCTGTGGGCTGGG 733
231 CATGTCCTGGAGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGG 290
734 CATGTCCTGGAGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGG 793
291 CCGTGGGAGGCTGCTCTTCTCTGTTCCAGAGGCTGGGCTGGGCTGGGCTGGG 350
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831 CACCTCCGTTGGCATATGGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 890
1334 CACCTCCGTTGGCATATGGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 1393
891 CACAGTCCACCTGGATGACCCAGCTGGCCATCGCCCTGGCCGCTGGCTGGG 950
1394 CACAGTCCACCTGGATGACCCAGCTGGCCATCGCCCTGGCCGCTGGCTGGG 1453
951 CTTGTCCTCTCTACATCATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1010
1454 CTTGTCCTCTCTACATCATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1513

1011 AAGTACCAAGGAGGATGATACCCACCCGGGCTGGGCTATGAGACCATCTGAAAGA 1070
1514 AAGTACCAAGGAGGATGATACCCACCCGGGCTGGGCTATGAGACCATCTGAAAGA 1573
1071 GCAGAGGAGGCTGACATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1130
1574 GCAGAGGAGGCTGACATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1633
1131 AGCTAAGAGGAGGCTGACATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1190
1634 AGCTAAGAGGAGGCTGACATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1693
1191 CCAGCCACTGATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1250
1694 CCAGCCACTGATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1753
1251 CCGTCCAGGAGGCTGACATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1310
1754 CCGTCCAGGAGGCTGACATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1813
1311 TGAAGACATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1370
1814 TGAAGACATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1873
1371 CTTGACGATCTTTAGAAACCCCTACGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1430
1874 CTTGACGATCTTTAGAAACCCCTACGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1933
1431 GTCGATTTGGGAGGAGGCTGAGAGGCTGAGAGGCTGAGAGGCTGAGAGGCTGAG 1490
1934 GTCGATTTGGGAGGAGGCTGAGAGGCTGAGAGGCTGAGAGGCTGAGAGGCTGAG 1993
1491 CTCCCTCTGAGGAGGCTGAGAGGCTGAGAGGCTGAGAGGCTGAGAGGCTGAGAGG 1550
1994 CTCCCTCTGAGGAGGCTGAGAGGCTGAGAGGCTGAGAGGCTGAGAGGCTGAGAGG 2053
1551 GTGTTGGAGTGGTCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1610
2054 GTGTTGGAGTGGTCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2113
1611 GCCAAGCCAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1670
2114 GCCAAGCCAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2173
1671 TCGGGGTGGTGGTGGGAGGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1730
2174 TCGGGGTGGTGGTGGGAGGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 2233
1731 TTCCAGGAGGCTGAGGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1790
2234 TTCCAGGAGGCTGAGGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 2293
1791 ACATTTCGCTTTATTA 1808
2294 ACATTTCGCTTTATTA 2311

RESULT 4
US-10-097-065-22
Sequence 22, Application US/10097065
Publication No. US200305236A1
GENERAL INFORMATION:
APPLICANT: Moore, Paul A. et al.
TITLE OF INVENTION: 110 Human secreted Proteins
FILE REFERENCE: P2021p1
CURRENT APPLICATION NUMBER: US/10/097,065
PRIOR APPLICATION NUMBER: PCT/US98/27059
PRIOR FILING DATE: 1998-12-17
PRIOR APPLICATION NUMBER: 60/070,923
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068,007

Db 1510 CAATATGGAAAGGCGCTCCCTCTCTCCAGTGTGGGTGGGTATGGTGTCCAC 1569
QY 1582 CCACCTCTCAGTGTGTGGAGTGCAGAGCCAAACCCAGCCCTCTGCCAGATCAAC 1641
Db 1570 CCACCTCTCAGTGTGTGGAGTGCAGAGCCAAACCCAGCCCTCTGCCAGATCAAC 1629
QY 1642 GCGGCTCAGCTCCAGCCAAATAGTGTCTCGGGGTGGGTGGGTGGGTGGGTGGGT 1701
Db 1630 GCGGCTCAGCTCCAGCCAAATAGTGTCTCGGGGTGGGTGGGTGGGTGGGTGGGT 1689
QY 1702 CTCTGAGATTCCTGCAACCTCAAGACTTCCAGCGCTCTGAGCGCTGATCTTCTCC 1761
Db 1690 CTCTGAGATTCCTGCAACCTCAAGACTTCCAGCGCTCTGAGCGCTGATCTTCTCC 1749
QY 1762 TCTGTAGGAAACAGGCTGCTTAATTAATTAATTAATTAATTAATTAATTAATTA 1808
Db 1750 TCTGTAGGAAACAGGCTGCTTAATTAATTAATTAATTAATTAATTAATTAATTA 1796

RESULT 5
US-09-812-102-19/c
; Sequence 19, Application us/09812102
; Patent No. US20020055179A1
; GENERAL INFORMATION:
; APPLICANT: Robison, Keith E
; TITLE OF INVENTION: No. US20020055179A1e1 G-protein Coupled Receptor Homologs
; FILE REFERENCE: 5800-41 035800/183478
; CURRENT APPLICATION NUMBER: US/09/812,102
; PRIORITY FILING DATE: 2001-03-19
; PRIOR APPLICATION NUMBER: PRIOR APPLICATION NUMBER: US/09/364,769
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 2089
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: GPCR-METABOTROPIC
; NAME/KEY: misc feature
; LOCATION: (1)-(2089)
; OTHER INFORMATION: n = a, t, c, or g
US-09-812-102-19

Query Match 79.1%; Score 1439; DB 10; Length 2089;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 1799; Conservative 0; Mismatches 0; Indels 3; Gaps 3;
QY 10 CCTTCACACCGCGAAAGTACAGTGGCTCAGCTGAGGAGCCCAACCAAGCCTGGC 69
Db 1820 CCTTCACACCGCGAAAGTACAGTGGCTCAGCTGAGGAGCCCAACCAAGCCTGGC 1761
QY 70 CTGGGAGCAAGTGGCAATCCCAAGCCTGATGCTGGAGCTGCTCTTC 129
Db 1760 CTGGGAGCAAGTGGCAATCCCAAGCCTGATGCTGGAGCTGCTCTTC 1701
QY 130 CTGTTCACAGGCGCTGGGCGGAGGCGCATGTCCACCGGCTGCAGCCAAAGGCTCAAC 189
Db 1700 CTGTTCACAGGCGCTGGGCGGAGGCGCATGTCCACCGGCTGCAGCCAAAGGCTCAAC 1641
QY 190 CCCCTTACTACAACTGTGTGACCGCTCTGGGGCGTGGGCGATCGTCTGAGGCGGTG 249
Db 1640 CCCCTTACTACAACTGTGTGACCGCTCTGGGGCGTGGGCGATCGTCTGAGGCGGTG 1581
QY 250 GCTGGGGCGGGCTTCTACACAGTGTGTGCTACCATCTCTGTGGGCGACCTCC 309
Db 1580 GCTGGGGCGGGCTTCTACACAGTGTGTGCTACCATCTCTGTGGGCGACCTCC 1521
QY 310 TTGTGTACAGACACCAAGAAAGAGCTGCTGGGAGCCAGGATATCTTCTTCTGGG 369
Db 1520 TTGTGTACAGACACCAAGAAAGAGCTGCTGGGAGCCAGGATATCTTCTTCTGGG 1461

QY 370 ACCGTGGGCTCTTCTGCTCGTGTGTTGCCGTGTGTGTAAGCCGACCTTCTCCACTGT 429
Db 1460 ACCGTGGGCTCTTCTGCTCGTGTGTTGCCGTGTGTGTAAGCCGACCTTCTCCACTGT 1401
QY 430 GCGTCTGGGCGCTCTCTTGGGGTGTGTTGCCATCGTCTCTTGTGGGGGCT 489
Db 1400 GCGTCTGGGCGCTCTCTTGGGGTGTGTTGCCATCGTCTCTTGTGGGGGCT 1341
QY 490 CAGCTCTTGGCCCTCAACTCTCTGCGCCGGAAGAACAGGAGGCGCGGGGCTGGGTATC 549
Db 1340 CAGCTCTTGGCCCTCAACTCTCTGCGCCGGAAGAACAGGAGGCGCGGGGCTGGGTATC 1281
QY 550 TTCAGTGGCTCTCTCTGCTGACCTGTGTAGAGGTATCATATCAGAGTGGCTGATC 609
Db 1280 TTCAGTGGCTCTCTCTGCTGACCTGTGTAGAGGTATCATATCAGAGTGGCTGATC 1221
QY 610 ATCAGCCTGGTGGGGGAGTGGGCGAGGGGCGCTCAGGGGCAAGAGAGCGGAGCTGG 669
Db 1220 ATCAGCCTGGTGGGGGAGTGGGCGAGGGGCGCTCAGGGGCAAGAGAGCGGAGCTGG 1161
QY 670 GCGGTGGCTCCCTCTGTGCTATCGCCAAATGAGACTTGTCAATGGCACTCATCTACGT 729
Db 1160 GCGGTGGCTCCCTCTGTGCTATCGCCAAATGAGACTTGTCAATGGCACTCATCTACGT 1101
QY 730 ATCTGCTGCTGCTGGGTGCTCTCTGGGGGCGTGGGCGCGCTGTGTGGCGCTCAAG 789
Db 1100 ATCTGCTGCTGCTGGGTGCTCTCTGGGGGCGTGGGCGCGCTGTGTGGCGCTCAAG 1041
QY 790 CGCTGGCGTAAGATGGGGCTTGTGCTCTACCAAGAGCCAGC-TCCGTTGCCATPAG 848
Db 1040 CGCTGGCGTAAGATGGGGCTTGTGCTCTACCAAGAGCCAGC-TCCGTTGCCATPAG 961
QY 849 GGTGTGTGATGCTATATATCTTACCGCAAGAGAGAGAGAGAGAGAGAGAGAGAG 908
Db 980 GGTGTGTGATGCTATATATCTTACCGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 921
QY 909 TGACCCGAGCTGGCATGCTGCTGCGCCGCAATGCTGTGGGCTGTCTCTTCTACGT 968
Db 920 TGACCCGAGCTGGCATGCTGCTGCGCCGCAATGCTGTGGGCTGTCTCTTCTACGT 861
QY 969 CATCCCGAGAGTGTCCAGGTGACCAAGTCCAGAGCCAGAGCAAGTACAGGGGAGCAT 1028
Db 860 CATCCCGAGAGTGTCCAGGTGACCAAGTCCAGAGCCAGAGCAAGTACAGGGGAGCAT 801
QY 1029 GTACCCGAGAGTGTCCAGGTGACCAAGTCCAGAGCCAGAGCAAGTACAGGGGAGCAT 1087
Db 800 GTACCCGAGAGTGTCCAGGTGACCAAGTCCAGAGCCAGAGCAAGTACAGGGGAGCAT 741
QY 1088 TGTTCGTGGAGAAAGAGGCTTTCATGATGATGAGCGGTGTGAGCTAAGAGGCGGTGT 1147
Db 740 TGTTCGTGGAGAAAGAGGCTTTCATGATGATGAGCGGTGTGAGCTAAGAGGCGGTGT 681
QY 1148 CACCATACAGCGGCTCAATGGGAGCTGTGACAGAGTGTACAGGCCACTAGAGATGG 1207
Db 680 CACCATACAGCGGCTCAATGGGAGCTGTGACAGAGTGTGTACAGGCCACTAGAGATGG 621
QY 1208 CCTGTATGCAAAAGTTCGTTCCGAAAGAGCTTACAGATCATCTCCAGGGGCAACCG 1267
Db 620 CCTGTATGCAAAAGTTCGTTCCGAAAGAGCTTACAGATCATCTCCAGGGGCAACCG 561
QY 1268 CCAACAGCAGTGTGATGGGAGTGCACACTGACCGCTGGGGGTGAAGACATGTACTCG 1327
Db 560 CCAACAGCAGTGTGATGGGAGTGCACACTGACCGCTGGGGGTGAAGACATGTACTCG 501
QY 1328 CCCAGAGCCACAGGCGGCGGCGACACCGCGAAGAGAGCGCAAGACTCTCAGGCTTTAAG 1386
Db 500 CCCAGAGCCACAGGCGGCGGCGACACCGCGAAGAGAGCGCAAGACTCTCAGGCTTTAAG 441
QY 1387 AACCCCTAGCTGTGGAGTGTAGTACAGGCTGGGAGAGAGGCGGTGCGATTTGGGAGG 1446
Db 440 AACCCCTAGCTGTGGAGTGTAGTACAGGCTGGGAGAGAGGCGGTGCGATTTGGGAGG 381
QY 1447 GCGCTGAGGACCTGGCGCGGCGGAGGAGCTTCCAGGCTCTCTCCCTGGGAGGCGC 1506

|||||
Db 380 GCCCTGAGACACGCGCCGCGGAGGACTCCAGGCTCCTCCCTCCCTGCGAGGCC 321
QY 1507 CAGCAACATGTGCCCCAGATGTGGAAGGCGCTCCCTCTCTCTGCCAGTGTGGTGGGT 1366
Db 320 CACCAACATGTGCCCCAGATGTGGAAGGCGCTCCCTCTCTCTGCCAGTGTGGTGGGT 261
QY 1567 CAGGAGTGTGCCCCAGACCTCTCAGTGTGTGTGAGTGTGAGAGGCCAACCCAGCCTCC 1626
Db 260 CATGGGTGTCCACCAACCACTCTCAGTGTGTGTGAGTGTGAGAGGCCAACCCAGCCTCC 201
QY 1627 TGCCAGAGTACCTCGCGGCTGACACTCCAGCCAAATAGTGTCTCGGGGTGTGGCTGG 1686
Db 200 TGCCAGAGTACCTCGCGGCTGACACTCCAGCCAAATAGTGTCTCGGGGTGTGGCTGG 141
QY 1687 GCAGGCGCTATGTTTCTCTGTGAGATTCCTGCAACCTCAGAGACTTCCAGGCGCTCAGG 1746
Db 140 GCAGGCGCTATGTTTCTCTGTGAGATTCCTGCAACCTCAGAGACTTCCAGGCGCTCAGG 81
QY 1747 CCTGATCTGTCTCTCTGTGAGAGAACAGGCTGCTTAATAATACATTTCTGCTTATT 1806
Db 80 CCTGATCTGTCTCTCTGTGAGAGAACAGGCTGCTTAATAATACATTTCTGCTTATT 21
QY 1807 AA 1808
Db 20 AA 19
RESULT 6
US-09-871-874-3
; Sequence 3, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kineret
; APPLICANT: TOPORK, Amir
; APPLICANT: MINTZ, Lia
; TITLE OF INVENTION: Splice Variant of mgiur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 1955
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-871-874-3
Query Match 75.3%; Score 1370; DB 10; Length 1955;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1370; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 10 CCTTCACACGCCGGAAGTACGAGTGGCTCAGCCTGTGAGGAGCCACACAGAGCCTGGC 69
Db 513 CCTTCACACGCCGGAAGTACGAGTGGCTCAGCCTGTGAGGAGCCACACAGAGCCTGGC 572
QY 70 CTGGAGACCGAGATGGGCTCCACAAAGCTTGTGTATGTGCTGGGAGCTGCTCTTC 129
Db 573 CTGGAGACCGAGATGGGCTCCACAAAGCTTGTGTATGTGCTGGGAGCTGCTCTTC 632
QY 130 CTGTTCACAGGGGCTGTGGGCCAGGGCCATGTCCACCGCTGTGACACCAAGGCTTCAC 189
Db 633 CTGTTCACAGGGGCTGTGGGCCAGGGCCATGTCCACCGCTGTGACACCAAGGCTTCAC 692
QY 190 CCCCCTACTACAACTGTGTGACCGCTCTGGGGCGTGGGCGATCGTCTGTGAGGCCGTG 249
Db 693 CCCCCTACTACAACTGTGTGACCGCTCTGGGGCGTGGGCGATCGTCTGTGAGGCCGTG 752
QY 250 GCTGGGGCGGGGCTTGTGACACAGTGTGTGCTACACATCATCTGGTGGGCGACGCTGCC 309
Db 753 GCTGGGGCGGGGCTTGTGACACAGTGTGTGCTACACATCATCTGGTGGGCGACGCTGCC 812
QY 310 TTGTGTACAGACACCAAGAACGAGCGTGTGGGAGCCAGGTATTCTTCTGTGGG 369

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Db 813 TTGTGTACAGACACCAAGAACGAGCGTGTGGGAGCCAGATATTCTTCTGTGGG 872
QY 370 ACCGTGGGCTCTTCTGTGCTGTGTGTTGCTGTGTGTGAAGCCCACTTCTCCACTGT 429
Db 873 ACCGTGGGCTCTTCTGTGCTGTGTGTTGCTGTGTGTGAAGCCCACTTCTCCACTGT 932
QY 430 GCGTGTGGGCGTCTTGTGGGGTGTGTCGTCATGTGTCATGTGTCATGTGTCATGTGTC 489
Db 933 GCGTGTGGGCGTCTTGTGGGGTGTGTCGTCATGTGTCATGTGTCATGTGTCATGTGTC 992
QY 490 CAGTCTTTCCTCCCACTTCTGTGCGCCGGAAGAACACGAGGCGCGGCGTGGGTATC 549
Db 993 CAGTCTTTCCTCCCACTTCTGTGCGCCGGAAGAACACGAGGCGCGGCGTGGGTATC 1052
QY 550 TTCACGTGTGCTGTGCTGTGACCCCTGTGATGAGGTATCATATACAGAGTGGCTATC 609
Db 1053 TTCACGTGTGCTGTGCTGTGACCCCTGTGATGAGGTATCATATACAGAGTGGCTATC 1112
QY 610 ATCACCTGTGGGGGAGTGGGAGGAGGCGGCTCAGGGCAACAGACGAGGCTGG 669
Db 1113 ATCACCTGTGTGGGGAGTGGGAGGAGGCGGCTCAGGGCAACAGACGAGGCTGG 1172
QY 670 GCCGTGCTCCCTCTGTGCTATCGCCACATGAGACTTGTGATGACATCATCTACGTC 729
Db 1173 GCCGTGCTCCCTCTGTGCTATCGCCACATGAGACTTGTGATGACATCATCTACGTC 1232
QY 730 ATGCTGCTGCTGTGCGGTGCTTCTGTGGGGCGTGGCGCCCTGTGTGGCGCTACAG 789
Db 1233 ATGCTGCTGCTGTGCGGTGCTTCTGTGGGGCGTGGCGCCCTGTGTGGCGCTACAG 1292
QY 790 CGGTGGCGGTAAAGATGGGGGCTTGTGCTCCTACACAGACGACCTCGTGGCATATGG 849
Db 1293 CGGTGGCGGTAAAGATGGGGGCTTGTGCTCCTACACAGACGACCTCGTGGCATATGG 1352
QY 850 GTGGTGTGATGTCATGTATCTTACGGAACAAGCAGCACAACAGTCCACCTGGAT 909
Db 1353 GTGGTGTGATGTCATGTATCTTACGGAACAAGCAGCACAACAGTCCACCTGGAT 1412
QY 910 GACCCACGCTGGGCTGCGGCTGCGCCCAATGCTGGGGCTTGTGCTTCTTACGTC 969
Db 1413 GACCCACGCTGGGCTGCGGCTGCGCCCAATGCTGGGGCTTGTGCTTCTTACGTC 1472
QY 970 ATCCCGAGGTCGCCAGGTGACCAAGTCCAGCCAGAGCAAAAGCTTCCAGGGGACATG 1029
Db 1473 ATCCCGAGGTCGCCAGGTGACCAAGTCCAGCCAGAGCAAAAGCTTCCAGGGGACATG 1532
QY 1030 TACCCACCGGGGCGTGGCTATGAGACCATCTGAAAGAGCAGAAAGGCTCAGAGCAT 1089
Db 1533 TACCCACCGGGGCGTGGCTATGAGACCATCTGAAAGAGCAGAAAGGCTCAGAGCAT 1592
QY 1090 TTGTGTGAGAAACAAGGCTTTTTCATGTGATGAGCGCGGTGTGAGTAAAGGCGGTGCA 1149
Db 1593 TTGTGTGAGAAACAAGGCTTTTTCATGTGATGAGCGCGGTGTGAGTAAAGGCGGTGCA 1652
QY 1150 CCATACAGCGGCTCAATGTGGGACGCTGTACCAAGTGTGTACAGCCACCTGAGATGGC 1209
Db 1653 CCATACAGCGGCTCAATGTGGGACGCTGTGTACCAAGTGTGTGTACAGCCACCTGAGATGGC 1712
QY 1210 CTGATGCACAAAGTTCGCTCGAAGAGCTTACAGATCATCTCCACGCGGCCACCGCC 1269
Db 1713 CTGATGCACAAAGTTCGCTCGAAGAGCTTACAGATCATCTCCACGCGGCCACCGCC 1772
QY 1270 AACAGCGAGTGTATGGGCACTGCCAATCTGCACTGTGGGCTGAAAGCATGTACTCGGC 1339
Db 1773 AACAGCGAGTGTATGGGCACTGCCAATCTGCACTGTGGGCTGAAAGCATGTACTCGGC 1832
QY 1330 CAGAGCCACAGAGGGGCGCACACCGCCGAAAGAGCGGCAAGAACTCTAGGT 1379
Db 1833 CAGAGCCACAGAGGGGCGCACACCGCCGAAAGAGCGGCAAGAACTCTAGGT 1882
RESULT 7

US-09-871-874-7
; Sequence 7, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinmeret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 1532
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-871-874-7

Query Match 71.7%; Score 1304; DB 10; Length 1532;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 1354; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 CCTCACACCGGAAAGTACGAGTGGCTCAGCCTGAGGAGACCAACAGAGCTGGCC 70
DB 41 CCTCACACCGGAAAGTACGAGTGGCTCAGCCTGAGGAGACCAACAGAGCTGGCC 100
QY 71 TGGAGACCGAGATGGCCATCCACAAAGCCTTGATGTCGCGGAGCTGGCTCTTCC 130
DB 101 TGGAGACCGAGATGGCCATCCACAAAGCCTTGATGTCGCGGAGCTGGCTCTTCC 160
QY 131 TGTTCACAGGGGCTGGGCCAGGGCCATGCCACCCGGCTGACGCCAAGGCTTCAC 190
DB 161 TGTTCACAGGGGCTGGGCCAGGGCCATGCCACCCGGCTGACGCCAAGGCTTCAC 220
QY 191 CCTGTACTACAACTGTGTGACCGCTCTGGGGCGTGGGGCATCGTCTGAGAGCCCTG 250
DB 221 CCTGTACTACAACTGTGTGACCGCTCTGGGGCGTGGGGCATCGTCTGAGAGCCCTG 280
QY 251 CTGGGGCGGAGATTGTCACACAGTTTGTGCTACATCTGCTGGGGCGAGCTCCCT 310
DB 281 CTGGGGCGGAGATTGTCACACAGTTTGTGCTACATCTGCTGGGGCGAGCTCCCT 340
QY 311 TTGTGACAGACACCAAGAAAGAGAGCTGCTGGGGACCCAGGTATTCTTCTTGGGGA 370
DB 341 TTGTGACAGACACCAAGAAAGAGAGCTGCTGGGGACCCAGGTATTCTTCTTGGGGA 400
QY 371 CCTGGGCGCTTTCGCGCTGCTGTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 430
DB 401 CCTGGGCGCTTTCGCGCTGCTGTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 460
QY 431 CCTTCGCGGCTTCTCTTTGGGGTCTGTTGCGCATCTGCTTCTTCTTCTGCGGCTC 490
DB 461 CCTTCGCGGCTTCTCTTTGGGGTCTGTTGCGCATCTGCTTCTTCTTCTGCGGCTC 520
QY 491 AGCTCTTTCCTCAACTTCTGCGCCCGGAGAACACAGCGGGCGCTGGGTGATCT 550
DB 521 AGCTCTTTCCTCAACTTCTGCGCCCGGAGAACACAGCGGGCGCTGGGTGATCT 580
QY 551 TCACTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 610
DB 581 TCACTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 640
QY 611 TCACCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 670
DB 641 TCACCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 700
QY 671 CCGTGGCTCTCCCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 730
DB 701 CCGTGGCTCTCCCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 760
QY 731 TCCCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 790

DB 761 TGTCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 820
QY 791 GCTGGCTGATGATGAGGCTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 850
DB 821 GCTGGCTGATGATGAGGCTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 880
QY 851 TGTGTGATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 910
DB 881 TGTGTGATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 940
QY 911 ACCCCAGCTGGCCATGCGCTGCGCCGCGCCAAATGCTTGGGCTTCTCTTCTACGTA 970
DB 941 ACCCCAGCTGGCCATGCGCTGCGCCGCGCCAAATGCTTGGGCTTCTCTTCTACGTA 1000
QY 971 TCCCGAGGCTTCCAGGTGACCAAGTCCAGGCCAGAGCAAGCTACAGGGGGCATGT 1030
DB 1001 TCCCGAGGCTTCCAGGTGACCAAGTCCAGGCCAGAGCAAGCTACAGGGGGCATGT 1060
QY 1031 ACCCCAGCGGGGCGTGGGCTATGAGACCATCTGTAAGAGCAAGAGGCTCAGAGCATGT 1090
DB 1061 ACCCCAGCGGGGCGTGGGCTATGAGACCATCTGTAAGAGCAAGAGGCTCAGAGCATGT 1120
QY 1091 TGTGTGAAACAAGGCTTTTCCATGATGATGATGATGATGATGATGATGATGATGAT 1150
DB 1121 TGTGTGAAACAAGGCTTTTCCATGATGATGATGATGATGATGATGATGATGATGAT 1180
QY 1151 CATACAGCGGGTACAAATGAGGAGCTGCTGACAGTGTACAGGCCACTGATGATGATG 1210
DB 1181 CATACAGCGGGTACAAATGAGGAGCTGCTGACAGTGTACAGGCCACTGATGATGATG 1240
QY 1211 TGAATGCAAAAGTTCGCTCGAAGAGCTTACAGATCATCTCCACGGGCGACCGCA 1270
DB 1241 TGAATGCAAAAGTTCGCTCGAAGAGCTTACAGATCATCTCCACGGGCGACCGCA 1300
QY 1271 ACAGCGAGGTGATGAGGCACTGCACTGCACTGCGGGCTGAAGACATGCTGCGGCC 1330
DB 1301 ACAGCGAGGTGATGAGGCACTGCACTGCACTGCGGGCTGAAGACATGCTGCGGCC 1360
QY 1331 AGAGCCACGAGCGGCGCACACCGCGGAAGAGCGC 1365
DB 1361 AGAGCCACGAGCGGCGCACACCGCGGAAGAGCGC 1395

RESULT 8
US-09-871-874-1
; Sequence 1, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinmeret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 2041
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-871-874-1

Query Match 70.3%; Score 1279; DB 10; Length 2041;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 1329; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 50 GGACCAACAGAGCTGCGCTGGAGCGCAGATGAGCATCCAAAGCTTGTGATGT 109
DB 639 GGACCAACAGAGCTGCGCTGGAGCGCAGATGAGCATCCAAAGCTTGTGATGT 698
QY 110 GCCTGGAGTGCCTCTTCTTCTGTTCCAGAGGCTGGGCCAGGCGCATGTCCACCG 169

Db	699	GCCTGGGAGCTGGCTCTCTTCTCTGTGCCAGGGGCGCTGGGCCACAGGCCATGTCCACCCG	758
QY	170	GCTGCAAGCCAAAGGCGCTCAACCCCGCTGATCAACAACCTGTGTGACCGCGCTGGGGCGTGG	229
Db	759	GCTTCACAGCCAAAGGCGCTCAACCCCGCTGATCAACAACCTGTGTGACCGCGCTGGGGCGTGG	818
QY	230	GCATCGTCTGTGGAGAGCGGTGGCTTGGGGCGGGGCAATTGTACACAGCTTTGTGTCAACATCA	289
Db	819	GCATCGTCTGTGGAGAGCGGTGGCTTGGGGCGGGGCAATTGTACACAGCTTTGTGTCAACATCA	878
QY	290	TCCGTGTGTGGCAGGCGCTCCCTTTGTGTGAGAGACACAAGAAAGGAGCGCTGTGGGGACCC	349
Db	879	TCCGTGTGTGGCAGGCGCTCCCTTTGTGTGAGAGACACAAGAAAGGAGCGCTGTGGGGACCC	938
QY	350	AGGATATCTTCTCTGTGGGAGACCCGTGGGCGCTTCTCTGCTCGTGTGTTGCCGTGTGTGTGA	409
Db	939	AGGATATCTTCTCTGTGGGAGACCCGTGGGCGCTTCTCTGCTCGTGTGTTGCCGTGTGTGTGA	998
QY	410	AGCCCGACCTTCTCCACCTGTGTGCTCTGTGGGGCTTCTCTTTGGGGTTCTGTTCGCCATCT	469
Db	999	AGCCCGATTTCTCCACCTGTGTGCTCTGTGGGGCTTCTCTTTGGGGTTCTGTTCGCCATCT	1058
QY	470	GCTTCTCTTGTCTGGGGCGTCAAGCTCTTTGGGCCCACTTCGCTGGGCCGGGAAGAACACG	529
Db	1059	GCTTCTCTTGTCTGGGGCGTCAAGCTCTTTGGGCCCACTTCGCTGGGCCGGGAAGAACACG	1118
QY	530	GGCCCGGGGGCTGGGTGATCTTCACTGTGGCTGTGCTGTGACCGCTGTAGAGTCAATCA	589
Db	1119	GGCCCGGGGGCTGGGTGATCTTCACTGTGGCTGTGCTGTGACCGCTGTAGAGTCAATCA	1178
QY	590	TCATATACAGATGGCTGATATCAACCGTTCGTTGGGGCAGTGGCGAGGGCGCCCTCAGG	649
Db	1179	TCATATACAGATGGCTGATATCAACCGTTCGTTGGGGCAGTGGCGAGGGCGCCCTCAGG	1238
QY	650	GCAACAGAGAGGCGAGGCGTGGGGCGTGGCGTCCCGCTGGCATGCGCAACATGGACCTTGG	709
Db	1239	GCAACAGAGAGGCGAGGCGTGGGGCGTGGCGTCCCGCTGGCATGCGCAACATGGACCTTGG	1298
QY	710	TCATGGCACTATCTACGTATGTGTGTGCTGTGCTGTGGTGTGCTTCTGGGGCGTGGCGCG	769
Db	1299	TCATGGCACTATCTACGTATGTGTGTGCTGTGCTGTGGTGTGCTTCTGGGGCGTGGCGCG	1358
QY	770	CCCTGTGTGGCGCTACAAAGCGCTGGCGTAAAGCATGGGGTCTTTGTGCTCTCAACAAG	829
Db	1359	CCCTGTGTGGCGCTACAAAGCGCTGGCGTAAAGCATGGGGTCTTTGTGCTCTCAACAAG	1418
QY	830	CCACTCCGTTGGCATATGGGTGGGTGGTGGATGCGATGATATACTTACGGGCAACAAGACG	889
Db	1419	CCACTCCGTTGGCATATGGGTGGGTGGTGGATGCGATGATATACTTACGGGCAACAAGACG	1478
QY	890	ACAACAGTCCCACTGGGGATGACCCCAAGCTGGCGATCGCCTGGCGGCCAATCTCTGGG	949
Db	1479	ACAACAGTCCCACTGGGGATGACCCCAAGCTGGCGATCGCCTGGCGGCCAATCTCTGGG	1538
QY	950	CCTTGTCTCTTCTTACGTATATCCCGAGGTCTCCAGGTGACCAAGTCCAGCCAGACG	1009
Db	1539	CCTTGTCTCTTCTTACGTATATCCCGAGGTCTCCAGGTGACCAAGTCCAGCCAGACG	1598
QY	1010	AAACCTCCAGAGGGGACATGTATACCCCAACCGGGGCGTGGGTATGAGAACCTCTCTGAAG	1069
Db	1599	AAACCTCCAGAGGGGACATGTATACCCCAACCGGGGCGTGGGTATGAGAACCTCTCTGAAG	1658
QY	1070	AGCAGAAGGGGTACAGCATGTTCGTGAGAACAGGCGCTTTTCCATGGATAGGCGGGTTG	1129
Db	1659	AGCAGAAGGGGTACAGCATGTTCGTGAGAACAGGCGCTTTTCCATGGATAGGCGGGTTG	1718
QY	1130	CAGCTAAGAGGCGCGGTGTACCATATACAGCGGGGTACATGGGCACTGCTGACCAAGTGT	1189
Db	1719	CAGCTAAGAGGCGCGGTGTACCATATACAGCGGGGTACATGGGCACTGCTGACCAAGTGT	1778
QY	1190	ACCAAGCCCACTGAATATGGCCCTGTATGCAACAAGTTCGTCGGAAGAGACTTACACATCA	1249
Db	1779	ACCAAGCCCACTGAATATGGCCCTGTATGCAACAAGTTCGTCGGAAGAGACTTACACATCA	1838

QY	1250	TCCTCCACAGGGCCACCCGACACAGCGAGTGTATGGGACAGTGCACCTGACCTGGGG	1309
Db	1839	TCCTCCACAGGGCCACCCGACACAGCGAGTGTATGGGACAGTGCACCTGACCTGGGG	1898
QY	1310	CTGAAGACATGTACTGCGCCAGAGCCACACAGGCGCCACACCGCGGAAGAAGCGCAAGA	1369
Db	1899	CTGAAGACATGTACTGCGCCAGAGCCACACAGGCGCCACACCGCGGAAGAAGCGCAAGA	1958
QY	1370	ACTCTCAGGT 1379	
Db	1959	ACTCTCAGGT 1968	
RESULT 9			
US-09-871-874-2			
; Sequence 2, Application US/09871874			
; Patent No. US20020081655A1			
; GENERAL INFORMATION:			
; APPLICANT: SAVITZKY, Kinneret			
; APPLICANT: TOPORIK, Amir			
; APPLICANT: MINTZ, Dlat			
; TITLE OF INVENTION: Splice Variant of mglur			
; FILE REFERENCE: 2786-0176P			
; CURRENT APPLICATION NUMBER: US/09/871,874			
; CURRENT FILING DATE: 2001-09-04			
; NUMBER OF SEQ ID NOS: 21			
; SOFTWARE: Patentin Ver. 2.1			
; SEQ ID NO 2			
; LENGTH: 1805			
; TYPE: DNA			
; ORGANISM: Homo sapiens			
US-09-871-874-2			
Query Match			
Best Local Similarity 100.0%; Pred. NO. 0;			
Matches 1218; Conservative 0; Mismatches 0; Indels 0; Gaps 0;			
QY	10	CCCTCACCAGCCGGAAAGTAGAGTGGCTCAGCCTGGAGGGACCCACAGAGCTGGC	69
Db	513	CCCTCACCAGCCGGAAAGTAGAGTGGCTCAGCCTGGAGGGACCCACAGAGCTGGC	572
QY	70	CTGGAGCCAGAGTGGCCATCCACAAGCCTTGATGTGCTGGAGACTGCCTCTTTC	129
Db	573	CTGGAGCCAGAGTGGCCATCCACAAGCCTTGATGTGCTGGAGACTGCCTCTTTC	632
QY	130	CTGTTCCAGAGGGCCCTGGGCCAGGGCCATGTCCACCCGGCTGCAGACCAGGCTTCAC	189
Db	633	CTGTTCCAGAGGGCCCTGGGCCAGGGCCATGTCCACCCGGCTGCAGACCAGGCTTCAC	692
QY	190	CCCGTGTACTAACCTGTGTACCGCTGTGGGGCGATGCGTCTGGAGGGCGGTG	249
Db	693	CCCGTGTACTAACCTGTGTGTGACCGCTGTGGGGCGATGCGTCTGGAGGGCGGTG	752
QY	250	GCTGGGGCGGGCATTTGTACACAGTTTGTCTCACCATCATCTCTGTGGCCAGCTCC	309
Db	753	GCTGGGGCGGGCATTTGTACACAGTTTGTGTGTACATATCTGTGGGGCAGCTCC	812
QY	310	TTTGTGCAGAGACCAAGAAAGGAGCTGTCTGGGACCCAGGTATTCTTCTTCTGGGG	369
Db	813	TTTGTGCAGAGACCAAGAAAGGAGCTGTCTGGGACCCAGGTATTCTTCTTCTGGGG	872
QY	370	ACCCGAGGCTCTTTCGCTGCTGCTTGGCTGTGTGTGAAGCCGACCTCTCACCTGT	429
Db	873	ACCCGAGGCTCTTTCGCTGCTGCTGCTGCTGTGTGTGAAGCCGACCTCTCACCTGT	932
QY	430	GCCTCTCGGCGCTTCTCTTTGGGGTCTGTTGCCATCTGCTTCTTCTGCGGCGCT	489
Db	933	GCCTCTCGGCGCTTCTCTTTGGGGTCTGTTGCCATCTGCTTCTTCTTCTGCGGCGCT	992
QY	490	CACGTCCTTGGCCTCAACTCTCTGCGCCGGAAGAACACAGGGGCCCGGGGCTGGGTATC	549
Db	993	CACGTCCTTGGCCTCAACTCTCTGCGCCGGAAGAACACAGGGGCCCGGGGCTGGGTATC	1052

QY 550 TTCACGTGGCTCTGCTGTCAGCCCTGGTAGAGTCAATCATACAGAGTGGCTGATC 609
| | | | |
Db 1093 TTCACGTGGCTCTGCTGTCAGCCCTGGTAGAGTCAATCATACAGAGTGGCTGATC 1112
| | | | |
QY 610 ATCACCCTGGTTCGGGGCAGTGGCGAGGGCGGCTTCAGGGGCAACAGCAGCCAGGCTGG 669
| | | | |
Db 1113 ATCACCCTGGTTCGGGGCAGTGGCGAGGGCGGCTTCAGGGGCAACAGCAGCCAGGCTGG 1172
| | | | |
QY 670 GCCGTGGGCTCCCTGGTGGCATGGCAACATGAGCTTGTATGGCACTCATCTACAGTC 729
| | | | |
Db 1173 GCCGTGGGCTCCCTGGTGGCATGGCAACATGAGCTTGTATGGCACTCATCTACAGTC 1232
| | | | |
QY 730 ATGCTGCTGCTGCTGGGTGCTTCCTGGGGGCTGGCCGCTGCTGTCGGCGCTACAG 789
| | | | |
Db 1233 ATGCTGCTGCTGCTGGGTGCTTCCTGGGGGCTGGCCGCTGCTGTCGGCGCTACAG 1292
| | | | |
QY 790 CGCTGGCGTAAAGCATGGGGTCTTTTGTCTCTCCACACAGCCACTCCGTTCCATATGG 849
| | | | |
Db 1293 CGCTGGCGTAAAGCATGGGGTCTTTTGTCTCTCCACACAGCCACTCCGTTCCATATGG 1352
| | | | |
QY 850 GTGTGTGGATGTCATGATATCTTACGGCAACAGCAGACAGATCCACCTGGGAT 909
| | | | |
Db 1353 GTGTGTGGATGTCATGATATCTTACGGCAACAGCAGACAGATCCACCTGGGAT 1412
| | | | |
QY 910 GACCCACGCTGGCCATGCCCCCTCGCCCAATGCTGGGCTGCTCTTCTACAGTC 969
| | | | |
Db 1413 GACCCACGCTGGCCATGCCCCCTCGCCCAATGCTGGGCTGCTCTTCTACAGTC 1472
| | | | |
QY 970 ATCCCGGAGTCTCCAGGTGACCAAGTCCAGCCCAAGCAAGTACCAAGGGGACATG 1029
| | | | |
Db 1473 ATCCCGGAGTCTCCAGGTGACCAAGTCCAGCCCAAGCAAGTACCAAGGGGACATG 1532
| | | | |
QY 1030 TACCCACCGGGGGGTGGGTATGAGACATCTGAAAGACCAAGGGGTACAGCATG 1089
| | | | |
Db 1533 TACCCACCGGGGGGTGGGTATGAGACATCTGAAAGACCAAGGGGTACAGCATG 1592
| | | | |
QY 1090 TTCGTGAGAACAGAGCTTTTCCATGATGATGAGCCGGTTGACGTAAGAGCCGGTGTCA 1149
| | | | |
Db 1593 TTCGTGAGAACAGAGCTTTTCCATGATGATGAGCCGGTTGACGTAAGAGCCGGTGTCA 1652
| | | | |
QY 1150 CCATACAGGGGTGATGATGGGAGCGTGCAGACATGCTACACCCCATAGATATGGCC 1209
| | | | |
Db 1653 CCATACAGGGGTGATGATGGGAGCGTGCAGACATGCTACACCCCATAGATATGGCC 1712
| | | | |
QY 1210 CTGATGACAAAGTTCCG 1227
| | | | |
Db 1713 CTGATGACAAAGTTCCG 1730
| | | | |
RESULT 10
US-10-097-065-123
; Sequence 123, Application US/10097065
; Publication No. US2003005236A1
; GENERAL INFORMATION:
; APPLICANT: Moore, Paul A. et al.
; TITLE OF INVENTION: 110 Human Secreted Proteins
; FILE REFERENCE: P2021P1
; CURRENT APPLICATION NUMBER: US/10/097,065
; PRIOR FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: PCT/US98/27059
; PRIOR FILING DATE: 1998-12-17
; PRIOR APPLICATION NUMBER: 60/070,923
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,007
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,057
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,006
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,369
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,367

QY PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,368
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,169
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,053
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,064
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,054
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,008
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,365
; PRIOR FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 672
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 123
; LENGTH: 1034
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-097-065-123
Query Match 37.3%; Score 679; DB 9; Length 1034;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 679; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1130 CAGCTAAGAGGCGGGTGTACCATACAGGGGTACATATGGGCGAGTGGTCAAGTGT 1189
| | | | |
Db 335 CAGCTAAGAGGCGGGTGTACCATACAGGGGTACATATGGGCGAGTGGTCAAGTGT 394
| | | | |
QY 1190 ACCAGCCCACTGATGATGGCCCTGATGACCAAAATTCCTCCGAAAGAGCTTACGACATCA 1249
| | | | |
Db 395 ACCAGCCCACTGATGATGGCCCTGATGACCAAAATTCCTCCGAAAGAGCTTACGACATCA 454
| | | | |
QY 1250 TCCTCCACAGGGCCACCGCCCAACAGCAGTATGGGCAAGTCCAACTTCGACCTTCGGGG 1309
| | | | |
Db 455 TCCTCCACAGGGCCACCGCCCAACAGCAGTATGGGCAAGTCCAACTTCGACCTTCGGGG 514
| | | | |
QY 1310 CTGAAGACATGACTCTGGGCCAGAGCCACAGCGGCCCAACAGCCGGAAGAGCGCAAGA 1369
| | | | |
Db 515 CTGAAGACATGACTCTGGGCCAGAGCCACAGCGGCCCAACAGCCGGAAGAGCGCAAGA 574
| | | | |
QY 1370 ACTCTAGGCTTTTAAAGAACCCCTACGTGTGGGACTGATGACGGCGTGGCAGAGAGGC 1429
| | | | |
Db 575 ACTCTAGGCTTTTAAAGAACCCCTACGTGTGGGACTGATGACGGCGTGGCAGAGAGGC 634
| | | | |
QY 1430 GGTGGATTTTGGGGAGGGCCCTGAGAGACCTGGCCCGGCAAGGAGACTCTCCAGGCTCCT 1489
| | | | |
Db 635 GGTGGATTTTGGGGAGGGCCCTGAGAGACCTGGCCCGGCAAGGAGACTCTCCAGGCTCCT 694
| | | | |
QY 1490 CCTCCCTGCGAGGCGCCAGCAACATGTGCCCCAGATGTGAAAGGGCTCTCTCTGCC 1549
| | | | |
Db 695 CCTCCCTGCGAGGCGCCAGCAACATGTGCCCCAGATGTGAAAGGGCTCTCTCTGCC 754
| | | | |
QY 1550 AGTGTGGTGGGTGATGATGGGTGCCACCACTCCTCAGTGTGTGTGGATGTCAGAG 1609
| | | | |
Db 755 AGTGTGGTGGGTGATGATGGGTGCCACCACTCCTCAGTGTGTGTGGATGTCAGAG 814
| | | | |
QY 1610 AGCCAAACCCAGCCCTGCGCCAGATCAACCTGGGGGTGACACCTCCAGCCAAATAGTGT 1669
| | | | |
Db 815 AGCCAAACCCAGCCCTGCGCCAGATCAACCTGGGGGTGACACCTCCAGCCAAATAGTGT 874
| | | | |
QY 1670 CTGGGGTGGTGGGTGAGGCGCTATGTTTCTGTGAGATTCCTGCAACTCAAGAGA 1729
| | | | |
Db 875 CTGGGGTGGTGGGTGAGGCGCTATGTTTCTGTGAGATTCCTGCAACTCAAGAGA 934
| | | | |
QY 1730 CTTCACAGGCGCTCAGCGCTGATCTCTCTGTGAGAAACAGGGTGCCTAATATA 1789
| | | | |
Db 935 CTTCACAGGCGCTCAGCGCTGATCTCTCTGTGAGAAACAGGGTGCCTAATATA 994
| | | | |
QY 1790 TACATTTCTGCTTTATTA 1808
| | | | |

Db 995 TACATTCGCTTATTTAA 1013

RESULT 11

US-09-871-874-8
; Sequence 8, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kineret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Ilat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 815
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-871-874-8

Query Match 33.0%; Score 601; DB 10; Length 815;
Best Local Similarity 99.8%; Pred. No. 2.2e-299;
Matches 651; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 CCTCACCAGCCGGAAGTACAGTCCGCTACGCTGAGGAGCCCAACGAGACCTGCGC 70
DB 41 CCTCACCAGCCGGAAGTACAGTCCGCTACGCTGAGGAGCCCAACGAGACCTGCGC 100
QY 71 TGGGAGCCAGAGTACGATCACAAGACCTGCTGATGCTGAGGACTGCTCTCTCC 130
DB 101 TGGGAGCCAGAGTACGATCACAAGACCTGCTGATGCTGAGGACTGCTCTCTCC 160
QY 131 TGTTCACAGGAGGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 190
DB 161 TGTTCACAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 220
QY 191 CCTGTACTACACGCTGTGACGCTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 250
DB 221 CCTGTACTACACGCTGTGACGCTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 280
QY 251 CTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 310
DB 281 CTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 340
QY 311 TGTTCACAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 370
DB 341 TGTTCACAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 400
QY 371 CCTGTACTACACGCTGTGACGCTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 430
DB 401 CCTGTACTACACGCTGTGACGCTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 460
QY 431 CCTGTACTACACGCTGTGACGCTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 490
DB 461 CCTGTACTACACGCTGTGACGCTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 520
QY 491 AGGTCTTTGCTCAACTTCTGCGCCGGAAGAACCAAGGAGGAGGAGGAGGAGGAGGAGG 550
DB 521 AGGTCTTTGCTCAACTTCTGCGCCGGAAGAACCAAGGAGGAGGAGGAGGAGGAGGAGG 580
QY 551 TCACTGTGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 610
DB 581 TCACTGTGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 640
QY 611 TCACTGTGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 662
DB 641 TCACTGTGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 692

RESULT 12

US-09-871-874-5
; Sequence 5, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kineret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Ilat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 1370
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-871-874-5

Query Match 28.5%; Score 518; DB 10; Length 1370;
Best Local Similarity 100.0%; Pred. No. 1.2e-256;
Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1130 CAGCTAAGAGGCGGCTGTCACATACAGCGGTACATGAGGAGGAGGAGGAGGAGGAGG 1189
DB 851 CAGCTAAGAGGCGGCTGTCACATACAGCGGTACATGAGGAGGAGGAGGAGGAGGAGG 910
QY 1190 ACCAGCCCATGAGATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1249
DB 911 ACCAGCCCATGAGATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 970
QY 1250 TCTTCCACAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1309
DB 971 TCTTCCACAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1030
QY 1310 CTGAGAGCATGATCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1369
DB 1031 CTGAGAGCATGATCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1090
QY 1370 ACTCTCAGGCTTTTAAAGAACCCCTAGCTGTGAGGAGGAGGAGGAGGAGGAGGAGG 1429
DB 1091 ACTCTCAGGCTTTTAAAGAACCCCTAGCTGTGAGGAGGAGGAGGAGGAGGAGGAGG 1150
QY 1430 GGTCTGAGTTTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1489
DB 1151 GGTCTGAGTTTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1210
QY 1490 CCTTCCCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1549
DB 1211 CCTTCCCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1270
QY 1550 AGGTGTTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1609
DB 1271 AGGTGTTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1330
QY 1610 AGCCCAACCCAGGCTCTGTCAGAGATCACCTGGGCGGT 1647
DB 1331 AGCCCAACCCAGGCTCTGTCAGAGATCACCTGGGCGGT 1368

RESULT 13

US-09-871-874-6
; Sequence 6, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kineret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Ilat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21

SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 6
LENGTH: 1070
TYPE: DNA
ORGANISM: Homo sapiens
US-09-871-874-6

Query Match 28.1%; Score 512; DB 10; Length 1070;
Best Local Similarity 100.0%; Pred. No. 1.5e+253;
Matches 512; Conservative 0; Mismatches -0; Indels 0; Gaps 0;

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OY 1131 AGCTAAGAGGCGGCTGTCACATACAGGGGTACAAATGGGCACTGCTGACCACTGTGTGA 1190
DB 552 AGCTAAGAGGCGGCTGTCACATACAGGGGTACAAATGGGCACTGCTGACCACTGTGTGA 611
OY 1191 CGAGCCCACTGAGTGGCCCTGATGCAAAATTCCTGCCAAGAGAGCTTAGACATCAT 1250
DB 612 CGAGCCCACTGAGTGGCCCTGATGCAAAATTCCTGCCAAGAGAGCTTAGACATCAT 671
OY 1251 CTTCCACAGGGGCGCCACCAACAGCAGGTGATGGGCAATGCGCAACTGACCTCGGGC 1310
DB 672 CTTCCACAGGGGCGCCACCAACAGCAGGTGATGGGCAATGCGCAACTGACCTCGGGC 731
OY 1311 TGAAGACATGTACTGGGCCAGAGCCACCAGCGGCCACACCGCGAAAAGACGGCAAGA 1370
DB 732 TGAAGACATGTACTGGGCCAGAGCCACCAGCGGCCACACCGCGAAAAGACGGCAAGA 791
OY 1371 CTCTCAGGTCTTTAGAAACCCCTAGCTGTGGGACTGAGTCAGCGGGGTGGGAGAGAGGCG 1430
DB 792 CTCTCAGGTCTTTAGAAACCCCTAGCTGTGGGACTGAGTCAGCGGGGTGGGAGAGAGGCG 851
OY 1431 GTGCGATTTGGGAGAGGGCCCTGAGGACCTGGCCCGGCAAGGAGACTCTCAGGCTCTC 1490
DB 852 GTGCGATTTGGGAGAGGGCCCTGAGGACCTGGCCCGGCAAGGAGACTCTCAGGCTCTC 911
OY 1491 CTCCTCCCTGGGAGGCCCAACATGTGCCCCAGATGTGGAGAGGGCTCTCTCTGCCA 1550
DB 912 CTCCTCCCTGGGAGGCCCAACATGTGCCCCAGATGTGGAGAGGGCTCTCTCTGCCA 971
OY 1551 GTGTTTGGGTGGGTGTCATGAGTGTGCCACCACTCTCAGTGTGTTGTGAGTGGAGA 1610
DB 972 GTGTTTGGGTGGGTGTCATGAGTGTGCCACCACTCTCAGTGTGTTGTGAGTGGAGA 1031
OY 1611 GCCAACCCAGGCTCTCTGCGCAGATACCTCG 1642
DB 1032 GCCAACCCAGGCTCTCTGCGCAGATACCTCG 1063
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RESULT 14
US-09-895-686-14/c
Sequence 14, Application US/09895686
Patent No. US2002010655A1
GENERAL INFORMATION:

APPLICANT: Bandman, Olga
APPLICANT: Lal, Preeti
APPLICANT: Tang, Y. Tom
APPLICANT: Baughn, Mariah R.
TITLE OF INVENTION: HUMAN GPCR PROTEINS
FILE REFERENCE: PC-0044 CIP
CURRENT APPLICATION NUMBER: US/09/895,686
CURRENT FILING DATE: 2001-06-28
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PERL Program
SEQ ID NO 14
LENGTH: 516
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. US2002010655A1 1442823R1
US-09-895-686-14

Query Match 25.8%; Score 469; DB 10; Length 516;

Best Local Similarity 100.0%; Pred. No. 2.3e+231;
Matches 469; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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OY 1345 GCCACACCGCCCAAGAGAGGCAAGAACTCTCAGGTCTTTAGAAACCCCTAGCTGTGGAC 1404
DB 469 GCCACACCGCCCAAGAGAGGCAAGAACTCTCAGGTCTTTAGAAACCCCTAGCTGTGGAC 410
OY 1405 TGAGTCAGCGGTGGGAGAGAGGGGTGCGATTTGGGAGAGGGCCCTGAGACCTGGGCC 1464
DB 409 TGAGTCAGCGGTGGGAGAGAGGGGTGCGATTTGGGAGAGGGCCCTGAGACCTGGGCC 350
OY 1465 CGGGCAAGGACTCTCCAGGCTCTCTCCCTCCCTGGCAGAGGCCCAACATGTGCCAG 1524
DB 349 CGGGCAAGGACTCTCCAGGCTCTCTCCCTCCCTGGCAGAGGCCCAACATGTGCCAG 290
OY 1525 ATGTGGAAGGGCTCTCTCTCTGCAAGTGTGGGTGGGTGTCATAGGGGTGCCCAACCA 1584
DB 289 ATGTGGAAGGGCTCTCTCTCTGCAAGTGTGGGTGGGTGTCATAGGGGTGCCCAACCA 230
OY 1585 CTCCTCAGTGTGAGAGTCAGAGAGCCCAACCCAGCCTCTGCGCAGAGATCACCTCGGC 1644
DB 229 CTCCTCAGTGTGAGAGTCAGAGAGCCCAACCCAGCCTCTGCGCAGAGATCACCTCGGC 170
OY 1645 GGTCACTCTCCAGCAATATAGTCTCTGGGGTGTGCTGGGCGACAGGCTATGTTCTC 1704
DB 169 GGTCACTCTCCAGCAATATAGTCTCTGGGGTGTGCTGGGCGACAGGCTATGTTCTC 110
OY 1705 TGGAAATTCCTCAACCTCAAGAGACTTCCAGGGGCTCAGGCTGATGCTCTCT 1764
DB 109 TGGAAATTCCTCAACCTCAAGAGACTTCCAGGGGCTCAGGCTGATGCTCTCTCT 50
OY 1765 GTGAGGAACAAAGGTGCTTAATAATTAATTAATTAATTAATTAATTAATTAATTA 1813
DB 49 GTGAGGAACAAAGGTGCTTAATAATTAATTAATTAATTAATTAATTAATTAATTA 1
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RESULT 15
US-09-895-686-15/c
Sequence 15, Application US/09895686
Patent No. US2002010655A1
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Lal, Preeti
APPLICANT: Tang, Y. Tom
APPLICANT: Baughn, Mariah R.
TITLE OF INVENTION: HUMAN GPCR PROTEINS
FILE REFERENCE: PC-0044 CIP
CURRENT APPLICATION NUMBER: US/09/895,686
CURRENT FILING DATE: 2001-06-28
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PERL Program
SEQ ID NO 15
LENGTH: 268
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. US2002010655A1 1962119T6
US-09-895-686-15

Query Match 14.7%; Score 268; DB 10; Length 268;
Best Local Similarity 100.0%; Pred. No. 9.2e+128;
Matches 268; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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OY 1500 CGAGGCCAGCAACATGTGCCCCCAATGTGGAAAGGGCTCTCTCTGCAATGTGGG 1559
DB 268 CGAGGCCAGCAACATGTGCCCCCAATGTGGAAAGGGCTCTCTCTGCAATGTGGG 209
OY 1560 TGGGTGTCATGGGTGTCGCCACCACTCTCAGTGTGTTGTGAGTGCAGAGACCAACCC 1619
DB 208 TGGGTGTCATGGGTGTCGCCACCACTCTCAGTGTGTTGTGAGTGCAGAGACCAACCC 149
OY 1620 AGCTCTGCGCAGATCACTTGGGGTGCACACTCCAGCCAAATAGTGTCTCGGGGTGG 1679
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Db 148 AGCCTCCTGCGAGATCACCCTCGGGGTGACACTCCAGCCCAATAGTGTCTCGGGTGG 89
QY 1680 TGGCTGGGCGAGCGCCTATGTTTCTCTGAGATTCTGCAACCTCAGAGACTTCCAGGC 1739
Db 88 TGGCTGGGCGAGCGCCTATGTTTCTCTGAGATTCTGCAACCTCAGAGACTTCCAGGC 29
QY 1740 GCTCAGGCGCTGATCTTGTCTCTGTG 1767
Db 28 GCTCAGGCGCTGATCTTGTCTCTGTG 1

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